



**College of
Arts and
Sciences**

**School of
Business**

**School of
Nursing**

1979-1980

The Jesuit University of Southern New England

FAIRFIELD

Information Directory

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Director of Admissions

Canisius Hall

Undergraduate Financial Aid

Director of Financial Aid

Loyola Hall

Student Services

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Loyola Hall

College of Arts and Sciences

Dean, Canisius Hall

School of Business

Dean, Canisius Hall

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Graduate School of Corporate and Political Communication

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The Jesuit University of Southern New England



FAIRFIELD UNIVERSITY

COLLEGE OF ARTS AND SCIENCES
SCHOOL OF BUSINESS
SCHOOL OF NURSING

CATALOGUE ISSUE
1979-1980

FAIRFIELD

Accreditation

Fairfield University is fully accredited by the New England Association of Schools and Colleges, which accredits schools and colleges in the six New England States. Accreditation by one of the six regional accrediting associations in the United States indicates that the school or college has been carefully evaluated and found to meet standards agreed upon by qualified educators.

In addition, the College of Arts and Sciences is accredited by the State Board of Education of Connecticut, which has approved the education program for teacher certification at secondary levels. The chemistry program of the College of Arts and Sciences is approved by The American Chemical Society.

The School of Nursing has been accredited by the National League of Nursing and approved by the Connecticut Commission for Higher Education and by the Connecticut State Board of Examiners for Nursing.

The University holds memberships in the American Assembly of Collegiate Schools of Business, American Association of Colleges of Teacher Education, American Council on Education, Association of American Colleges, Association of Jesuit Colleges and Universities, Connecticut Association of Colleges and Universities for Teacher Education, Connecticut Conference of Independent Colleges, Connecticut Council for Higher Education, National Catholic Educational Association, National League for Nursing, New England Business and Economic Association.

The provisions of this bulletin are not to be regarded as an irrevocable contract between Fairfield University and the student. The University reserves the right to change any provision or any requirement at any time.

Fairfield University admits students of any sex, race, color, religion, national or ethnic origin, or physical handicap to all the rights, privileges, programs, and activities generally accorded or made available to students of the University. It does not discriminate on the basis of sex, race, color, religion, national or ethnic origin, or physical handicap in administration of its educational policies, admissions policies, employment policies, scholarship and loan programs, athletic programs, or other University-administered programs.

Fairfield University complies with the Family Educational Rights and Privacy Act of 1974 (also known as the Buckley Amendment) which defines the rights and protects the privacy of students with regard to their educational records. A listing of records maintained, their location, and the means of reviewing them is available in the Office of Student Services.

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The Objectives of Fairfield University

Fairfield University is a coeducational academic institution, established by the Jesuit Fathers, whose primary objective is the development of the creative intellectual potential of its students in a context of religious commitment.

This it does by providing:

A respect for truth as the driving force of its community.

Freedom of inquiry as the best means for attaining truth.

A faculty of scholars and teachers as directors of the process.

A curriculum of liberal arts and sciences.

A humanistic and socially conscious environment as the setting for the learning community.

An institutional Catholic commitment as a way of life.

It welcomes all persons who share its vision, respect its process, and wish to participate in its community.



An Overview of
Fairfield University

FAIRFIELD

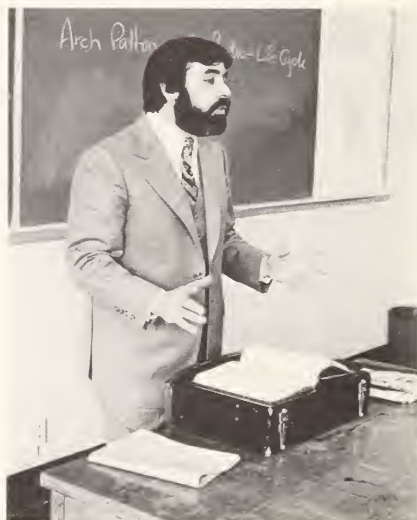
An Overview of Fairfield University

Fairfield is a proud tradition of learning. When Fairfield opened its doors in 1945, it became the 26th institution of higher learning operated by the Jesuit Order in the United States — and, as such, the inheritor of a tradition of learning and scholarship that dates back to 1540 when St. Ignatius Loyola founded the Society of Jesus (the Jesuits) on the principle of active service in the world.

From that time, many Jesuits chose education as their field of service. A basic Jesuit principle, the striving for excellence, led them to create schools that have become renowned for academic quality. A Jesuit education has come to mean a high standard of academic discipline within Judaeo-Christian values.

Being a Jesuit university, however, does not mean that Fairfield is narrowly sectarian. Our students are selected without regard to religion, race, color, sex, national or ethnic origin, or physical handicap. They are a diverse group — and this very diversity acts as a stimulus to your education and gives you an opportunity to make friendships that will broaden your horizons and enrich your life.

A still greater influence on your life will be your professors, and they exhibit as great a diversity as do the students. Although Fairfield is a Jesuit university, the majority of the 170-plus full-time faculty are laymen who represent many faiths and creeds. Both lay and Jesuit, the faculty hold degrees from over 125 American and European colleges and universities, and over 60% of them have an earned doctorate. Many have had practical experience in various careers and professions before becoming teachers. Almost without exception you will find them eager to sit with you and talk about your academic progress or your personal problems. An important plus: *you will be studying only under full-time and adjunct faculty. Fairfield has no graduate students or students who teach in any of its colleges or schools.*



Although our students and faculty have varied backgrounds, they have come to Fairfield because they share common goals: the striving for excellence in every area of life; the commitment to intellectual honesty, discipline, and inquiry; the ideals of liberal arts education; the expression of Christian values through concern for and service to others. They are, in other words, the living embodiment of the University's 400-year tradition of learning.



Fairfield is a quality academic program. The goal of a Fairfield education is to develop the *whole* person, and we believe that a liberal arts education can achieve this goal because it exposes you to the *whole* of learning. The University has created a “core curriculum” in the liberal arts for all students in all undergraduate schools, and it includes from two to five courses in each of these areas:

- *Mathematics and Natural Sciences*, to acquaint you with both mathematical logic and the workings of the physical world;
- *History and Social Sciences*, to give you a knowledge of the past, a contemporary social awareness, and a sense of civic responsibility;
- *Philosophy and Religious Studies*, to help you to a clear knowledge of ultimate religious, philosophical, and moral values;
- *English and Fine Arts*, to develop the habits of logical thinking and accurate expression, and to give you an understanding of human nature through literature, drama, music, and art;
- *Modern Languages and Classics*, to provide an insight into other cultures and other modes of expression and thought.



Within the framework of these five areas, you have a number of options. The requirement in Philosophy and Religious Studies, for example, includes two courses in religion. But you can choose to examine your own spiritual heritage or the beliefs of others; your courses can be as general as “Comparison of Religions” or as specific as “Catholic Theologians.” You will find enough options like this so that fulfilling the requirements becomes a stimulating and enjoyable experience while providing the breadth of knowledge necessary for your further studies, and for life as a well-educated human being.



As a partner in planning your academic program, you will have a faculty advisor. In your freshman year your advisor will be assigned from the faculty at large; in later years, he or she will be a professor in your major field. If you want to enter professional or graduate school, your advisor will be someone who is knowledgeable in the admissions requirements of those institutions and who can help you plan a course of study that will further your professional goals.

Although Fairfield has 2,700 undergraduate students, it is organized as a grouping of small divisions under a larger “intellectual umbrella.” This enables us to combine the intimacy and the personal attention that are the strengths of a small college with the advantages of a university. Your classes will be relatively small, especially in your junior and senior years, and they will be taught by professors who can — and do — give time to your individual instruction. But you will also find that the full resources of the University are at your command whenever you need them.

The University has three undergraduate schools: the College of Arts and Sciences, the School of Business, and the School of Nursing. (There also are two graduate schools — the Graduate School of Education and the Graduate School of Corporate and Political Communication — and a continuing education division.)



The College of Arts and Sciences offers two degrees, Bachelor of Arts and Bachelor of Science. At the end of your freshmen year, if you have not done so earlier, you will be asked to select a major.

If you wish to earn a Bachelor of Arts degree in the College of Arts and Sciences, you may major in American studies, economics, English, fine arts (art, music, theatre), history, modern languages (French, German, Spanish), philosophy, politics, psychology, religious studies, or sociology.

On the other hand, if you wish a Bachelor of Science degree, you may major in biology, chemistry, mathematics, physics, or psychology.

If you are unsure of your career direction, and many students are, you're welcome to discuss the possibilities with your faculty advisor, with other professors, or with a career counselor in our Counseling Center. Selecting a major is not an irrevocable decision, for the academic program at Fairfield is flexible enough to allow you to change to another field if you find your first choice wasn't the right one.

Within each major field of study, the College of Arts and Sciences offers an exceptionally wide range of courses, from introductory studies to highly specialized courses for upperclassmen. And within every major field there is an opportunity for independent study and research that can carry you far beyond the normal limits of traditional courses.



The School of Business is the most recent of Fairfield's undergraduate colleges. As the reputation for the former Department of Business Administration grew, the number of students (900) and the diversity of course offerings became so extensive that, in 1978, the University founded a separate undergraduate School of Business.

An added impetus to the founding of the School of Business is the status of Fairfield County as the fastest-growing corporate headquarters area in the United States — a sure stimulus to ambitious young people with business goals. Yet another impetus is the University's selection as the site of the Center for Financial Studies. Although this Center has been designed primarily for the continuing education of members of the National Association of Mutual Savings Banks, the University has use of the Center's \$4.3 million facility for a substantial portion of the year and provides an excellent opportunity to expand course offerings.

As a student in the School of Business, you will be working toward the degree of Bachelor of Science in Business. You will take the same core curriculum required of all other undergraduate students. In addition, you will take a "business core curriculum" of ten subjects which provide an introduction to the fields of accounting, data processing, statistics, business law, business communications, finance, management, and marketing.

The balance of your program will depend upon your major, which may be selected from one of four areas: accounting, finance, management, or marketing. Working with your faculty advisor, you will plan a curriculum that best suits your career goals.

A feature of the School of Business is the optional senior-year internship. These internships are undertaken for credit, and sometimes for pay. The student's progress is monitored by both an on-the-job supervisor and a faculty member. The presence of a large number of corporate offices in the area gives you some highly unusual and rewarding opportunities for internships.



The School of Nursing, founded in 1970, is fully accredited by the National League for Nursing, the Connecticut State Board of Nurse Examiners, and the Commission for Higher Education in the State of Connecticut. The four-year program leads to a Bachelor of Science degree with a major in nursing.

The goal of the school is to prepare you for the first level of competent and compassionate professional nursing. Fairfield does not seek to produce clinical specialists, but rather to prepare the student for general nursing, and throughout the program you will be exposed to nursing practice in a variety of clinical and health care delivery settings and systems.

On-campus nursing classes are held in a superb new building that features a tiered lecture-demonstration room with projection facilities, a nursing simulation laboratory where you will become familiar with the most common techniques and equipment, and an education media room that has the most modern multimedia facilities for learning.

Admission to the School of Nursing is selective and highly competitive. You must be capable of completing an academic program in the liberal arts and sciences as well as the rigorous nursing program. Upon graduation, you are eligible to take State examinations for licensure and to continue your education at the graduate level.

Like all other undergraduate students of Fairfield, you must complete the core curriculum. In addition, you will take required courses in chemistry, biology, psychology, and sociology, but in all probability your key interest will be in your nursing courses.

Classroom instruction in nursing theory and clinical skills begins in your freshman year and continues throughout the undergraduate program. With each passing year your clinical work will increase, until, by the time you are a senior, a significant portion of your time is spent in the nursing major, which includes clinical practice as well as the theory component. To insure that you get the breadth and depth of clinical experience you need, the school has associations with many facilities including private hospitals, a veterans hospital, clinics, outpatient departments, rehabilitation centers, public health departments, and long-term care facilities.





Fairfield is the opportunity for practical experience. Fairfield recognizes that today's student wants and needs practical experience, both through the use of equipment and through opportunities to participate in on- or off-campus programs.

The University has been a pioneer in student use of the computer. Whatever your major, you will have access to our IBM 1500, and a short introductory course in computer programming will show you how to make best use of this valuable tool.

In almost every department, the University has used grants from the National Science Foundation, the Atomic Energy Commission, and NASA to make sizable investments in sophisticated equipment. This equipment is not reserved just for professors or graduate students. Every student — at every level — has access.

One important “tool” you will use extensively is the Nyselius Library. Open access to the more than 300,000-volume stacks, microforms, some 1,250 journals and newspapers helps to keep faculty and students informed on new developments in all fields. And there are hundreds of individual carrels to give you semi-private study space.

But to give you practical experience, the University goes far beyond merely making equipment available. Many academic programs require that you get “on-the-job” experience, while internships and work experiences for credit are options you can exercise in other areas. Your studies can range even further afield through the Washington Semester at American University (for economics and politics majors), the Washington Center for Learning Alternatives (for majors in many fields), and study abroad.

Of course, you do not have to leave campus to get experience in your field. In any major, you may pursue independent study. Working with your faculty advisor, you will select a subject in a particular area, and then move ahead at your own pace with this original research.

We think you will find that your practical experience will give you a decided advantage when you apply for admission to graduate or professional school or when you interview for a job.

Fairfield is a pleasant learning environment.

The University is located in America's “academic corridor,” that short expanse from New York City to Boston that contains the world's largest concentration of colleges and universities. This location provides you with access to the cultural, recreational, social, and intellectual programs of hundreds of other institutions of higher learning. The town of Fairfield itself (population approximately 60,000) is about an hour from New York City and three hours from Boston, and it is primarily a residential community whose citizens enjoy an excellent relationship with the University.

Fairfield's 200-acre campus is among the most beautiful in the country. Created from two large private estates, it retains a gracious, leisure atmosphere. There are many wooded areas, lawns, gardens, pleasant walks, and broad views of the blue waters of Long Island Sound.

If you're a resident student, you'll live in one of seven modern Residence Halls, in comfortably furnished rooms designed for two. Seven dorms are coed (with men and women living on alternate floors), one is for women only. Rooms “off campus” in private homes also are available. Some upperclassmen pool their resources to share a beach house, and the University provides a shuttle bus between the beach area and the campus.

The modern Campus Center is the social focal point for all segments of the University community. Here you will find a snack bar, post office, soundproof music rooms, conference rooms, student lounges, bookstore, pub, and the major dining areas. The facilities are also available for art exhibits and cultural events.

Fairfield's spacious campus allows plenty of room for outdoor playing fields, all-weather tennis courts, and informal recreation areas. When the practice requirements of varsity sports teams threatened to monopolize the Gymnasium, the University built a Recreation Center to provide even more indoor athletic facilities — swimming pool, jogging track, indoor tennis courts, handball courts, and more — for students who want to participate in sports for their own enjoyment.

Fairfield is a varied student life. Everything about your college years can be part of your total learning experience — learning to get along with new people, learning to develop new interests, learning to be a good leader (or equally as important, to be a good team member), learning to make your own decisions and then accepting the responsibility for them, and learning to live your own life.

If you are a resident student, you will do a lot of this kind of learning in your dormitory. Fairfield's residence halls are largely self-governed, with the members of each unit deciding on many of their own rules and activities. You can also participate fully in the life of the University as a commuter; a significant percentage of Fairfield's undergraduate students commute, and we make the same effort to respond to their needs as we do for resident students.



Commuter or resident, you will be a member of the Fairfield University Student Association. FUSA represents the student viewpoint to the other segments of the University community, sponsors student-operated events, rules on student infractions of University policies, and allocates some \$50,000 a year in student activity funds. Becoming actively involved in FUSA will give you a chance to test your leadership ability and to take part in decisions that affect the University as a whole.

Student government is only one facet of the rich and varied campus life at Fairfield. Among others are:

Student Activities: You can join clubs that reflect your academic interests, or clubs that let you enjoy non-academic pursuits from chess to forensics to skiing. If you are talented in music or drama (or if you would like to find out whether you have talent), there are performance groups; for budding journalists and broadcasters, there are a magazine, newspaper, yearbook, and campus radio station. Many of our students feel that they can best express themselves in service to others, and the number of community service organizations on campus is large.

With over 56 student organizations, chances are good that you can find several that reflect your own interests. If not, and if there are enough other students with the same interest, you'll probably get approval to start your own organization.





Athletics: Regardless of your athletic ability or level of interest in athletics, Fairfield has a sports program for you. As a member of the University Division of the NCAA, we provide three types of organized athletics: varsity sports, club sports, and intramurals.

Varsity sports for men are baseball, basketball, cross country, golf, ice hockey, soccer, and tennis. Women's varsity sports are basketball, tennis, and, most recently, field hockey.

The club sports program includes fencing, football, judo, karate, lacrosse, rugby, sailing, swimming. Intramural team competition is offered in tennis, touch football, volleyball, basketball, street hockey, and softball.

The Athletic Department also organizes intramural recreation programs based on student interest. Last year, for example, weekly buses took students to skating rinks. There was an exercise group for women, a tumbling program, a jogging program, tennis lessons, and bike hikes in the spring.

Cultural Life: Together, the University, academic departments, FUSA, and student organizations bring to campus a diversity of performers, entertainers, and lecturers throughout the year. But with Fairfield's location, culture is not limited to the campus. On any weekend, and even during the week, you may find students going to Yale University cultural programs in New Haven, heading for Boston or New York, or attending activities at any of the 35 colleges and universities that are within an hour's drive of the Fairfield campus.





Religious Life: Your participation in religious life is completely up to you. Perhaps because participation is optional, Fairfield has a very active Campus Ministry. A full-time staff of two Jesuit priests and a woman counselor, assisted by a score or more of active students, fosters retreats and prayer services, presents seminars on religious and social concerns, and encourages social response and community involvement. The Campus Ministry also provides a caring response to students who seek spiritual direction and counseling.

The Campus Ministry can also refer you to a clergyman of your own faith, for within a half hour of campus there are houses of worship of many different faiths and denominations.



Student Services: Fairfield provides a number of other advisory services through its Counseling Center, where a staff of professional counselors and psychologists offers both confidential personal discussions and psychological tests which can help you assess your strengths and weaknesses. The Center offers courses in reading improvement and study skills for students who need help in adjusting to college-level work, and it maintains a directory of off-campus jobs for students who need additional income.

The University infirmary has registered nurses on duty around the clock, seven days a week. One of three physicians staffs the infirmary every weekday morning and is on call at all other times. Specialists in all fields of medicine are readily available. Should you become seriously ill, you will be admitted to St. Vincent's Hospital in Bridgeport, just minutes from campus.



Fairfield is a chance to achieve. Even before your first college class, you will probably begin to think about what you will do after you leave. If you have a definite career in mind, you want an academic program that will best prepare you. If you are undecided, you want guidance in exploring career fields and in matching your talents and interests to jobs within those fields. Either way, Fairfield offers expert help.

The Counseling Center gives interest and aptitude tests to help you evaluate your potential. A Career Information Library offers both general information on the nature of various careers and specific data on the current job market. When you are ready to start looking for a position, there may be workshops in resume writing and the techniques of being interviewed. Finally, the Center keeps abreast of needs in all fields of employment, and either arranges interviews for seniors or notifies qualified students of job openings.

The University also has an enviable record in placing its graduates in professional schools. The most recent Department of Health study ranks Fairfield in the top 9% of 387 American colleges and universities providing the highest proportion of M.D.'s to the total number of graduates in all fields. Fairfield's record in placing premedical, prelaw, and graduate students is equally impressive. Fairfield cannot guarantee you a career — no college can. But Fairfield can guarantee you the quality of academic preparation that will make you a de-

sirable candidate for employment, or for professional or graduate school.

Fairfield is a quality education at a reasonable cost. The Fairfield Board of Trustees and the administration constantly strive to hold the cost of a college education at a reasonable level without cutting corners on quality. As a result, the cost of a Fairfield education is competitive with that of any private institution in the New England area. For the 1979-80 academic year, fees will be \$3,475 for tuition and \$1,950 for room and board.

Because the University recognizes that these costs — plus other necessary expenses for books, supplies, travel, and personal needs — can create a sizable burden for many families, Fairfield administers a comprehensive financial aid program. Most financial aid is provided in a "package" — a combination of scholarships, grants, loans, and on-campus employment. About 50% of Fairfield undergraduates receive some form of financial assistance.

Although a campus visit is not mandatory, the University suggests that the best way to get an understanding of Fairfield — its academic programs, its exceptional faculty, its well-equipped and attractive campus, its admissions and financial aid programs — is to visit campus. For an appointment, write or call the Admissions Office, Fairfield University, Fairfield, Connecticut 06430, phone (203) 255-5411.





Educational
Policies and
General
Regulations

FAIRFIELD

Educational Policies and General Regulations

Philosophy of Education

Fairfield University, an academic institution established by the Jesuit Fathers, has, as its primary objective, the development of the creative intellectual potential of its students within a context of religious commitment.

Fairfield believes in the particular excellence of a liberal arts education. In an effort to achieve this objective, it requires each student to take some courses from each of five areas of knowledge: mathematics and natural sciences, history and social sciences, philosophy and religious studies, English and fine arts, modern languages and classics. Thus assured of a basic, well-rounded education, the student is free to pursue his major field of study in preparation for his scholarly or professional pursuits.

To assist the student in the quest for truth, the University promotes dialogue between teacher and student, between student and student, between teacher and teacher. This dialogue takes place in an environment of absolute freedom of inquiry.

In keeping with its religious commitment, the University provides a number of academic and extra-academic opportunities for religious growth within an ecumenical context. Several departments offer courses directly relevant to Christianity and to other world religions. Catholic students may further explore and express their Christian commitment through participation in many liturgical events, retreats, and

social action. Members of the Jesuit faculty are readily available for counseling and spiritual guidance. Protestant and Jewish students have similar opportunities. They are encouraged to deepen the understanding of their own faith through participation in theology courses taught in their own tradition and in extra-academic activities. Protestant and Jewish chaplains are available for consultation on campus. Thus, an ecumenical opportunity is afforded to all students to share their experiences, to develop new insights in the mystery and life of religion, and to live cooperatively with persons of differing views.

There are no compulsory religious exercises required of any student, but all are encouraged to express their faith freely and openly — and the University strives to provide the resources to make this possible.

The Faculty and Faculty Advising

All members of the faculty share personally and actively in the responsibility for providing students with educational, career, and personal guidance. One of the hallmarks of a Jesuit education is the personal interest each teacher takes in students; the teacher tries to know each individual student's strengths and weaknesses. This tradition is basic to Fairfield. Classes are not large, and there are ample opportunities for close student-teacher relationships. Members of the faculty make themselves available for informal discussions, advice, and encouragement well beyond their published office hours.

During the orientation program for freshmen and transfers, each student is assigned to a faculty advisor. (In subsequent years, depending upon the student's major and career interests, the first advisor may be replaced by a professor in the student's field of academic interest.) The faculty advisor will be available to meet regularly with the student, to explain test results, to offer appropriate counsel, to watch the student's progress, and, in general, to help him adjust to college life.

If a student plans to enter a professional or graduate school after graduation from Fairfield, an advisor who is knowledgeable about that specific profession and its schools is assigned to the student. In addition, a *Graduate Scholarship Committee*, made up of faculty members, stands ready to assist students in the application for and attainment of scholarships and fellowships to professional and graduate schools.

The Academic Year

The academic year begins in early September and ends late in May, with recess periods at Christmas and in the Spring. It is divided into two semesters, each extending over a period of about 18 weeks. The semester hour is the unit of instructional credit.

The class day begins at 8:45 in the morning and is divided into class periods of 50 minutes and laboratory periods of 100 minutes.

Academic Grades

- A. Excellent: indicates not only high achievement but unusual initiative and creative work.
- B. Good: intelligent grasp and application of subject matter.
- C. Fair: acceptable level of competence.
- D. Poor: limited competence, but passing.
- E. Failure: course must be repeated if student is permitted to remain in attendance.

A "plus" (+) may be added to grades of B, C, or D to indicate work performed at the top of that range.

As a rule, the grade for each semester course is computed from two independent grades: the first is that for class work based on examinations, quizzes, recitations, and out-of-class assignments submitted throughout the semester; and the second is the grade earned in the comprehensive examination at the close of the semester.

In addition to the foregoing academic grades which indicate the quality of student performance, several other notations may appear on a student's grade report.

A notation of 'I' (Incomplete) is issued when an emergency situation, such as illness, prevents a student from completing specific course requirements on time. It is awarded at the instructor's discretion. Any extension granted for the fulfillment of course requirements should last no longer than one month into the semester following the marking period when the grade of 'I' was conferred.

A notation of 'W' (Withdrawal) indicates that a student has withdrawn from a course. Withdrawal will be permitted only with the approval of a dean when an emergency situation, such as illness, prevents a student from completing course requirements. Withdrawal will not be permitted simply to prevent receipt of a grade that might not meet the student's satisfaction.

A notation of 'X' is a temporary grade which indicates a student's absence from a final examination. If not excused by a dean, such an absence will earn a failing grade of E.

Academic Advancement

For academic advancement from year to year in good standing, it is not enough that the student merely pass all his courses; in addition, he must maintain a quality standard that is computed from *quality points*, (Q.P.). In each subject a grade of A earns 4 quality points; B+, 3.5 quality points; B, 3 quality points; C+, 2.5 quality points; C, 2 quality points; D+, 1.5 quality points; D, 1 quality point; and a failure, 0 quality points. To determine a weighted quality point average, the number of semester-hour credits is multiplied by the quality points earned and the total divided by the number of credits attempted.

For advancement in good standing from freshman to sophomore year, a student must have a weighted quality point average of 1.6; to advance to junior year a Q.P. average of 1.9; to senior year a Q.P. average of 2.0.

Students who do not meet the foregoing standards will be ineligible to continue study until they have raised their averages to the required level by approved summer study.

These norms must be satisfied by the average of the given year and cumulative average.

Students in the School of Nursing must meet University policy promotion requirements. In addition, to remain in the nursing major, students must meet promotion policy requirements established by the School of Nursing. These are available in the School of Nursing Office.

Academic Probation

A student whose Q.P. average for a single semester falls below the following levels is considered to be on probation:

Freshmen	1.6
Sophomores	1.9
Juniors	2.0

Students on probation should recognize that their previous semester's work has not been satisfactory and that a continuation of such performance will result in academic failure.

Academic Failure

Students who incur an academic failure in any of the following classifications will be asked to withdraw from the University:

1. A student who at the end of a semester is deficient in three or more courses.
2. A student who at the end of an academic year is deficient in three or more courses.
3. Students whose cumulative or yearly quality point average falls below the following:

Freshmen	1.4
Sophomores	1.6
Juniors	1.8
4. Students on probation for two consecutive semesters.

Recommendations

Recommendations for graduate or professional schools may be sought from individual professors or a department chairman except that a Committee on Pre-Medical and Pre-Dental Recommendations determines whether the student is likely to succeed in medical or dental school.

Dean's List

To qualify for the Dean's List, First Honors, a student must have attained a semester's Q.P. average of 3.50 and no grade less than B. Second Honors are conferred for a semester's Q.P. average of 3.25 and no grade less than B.

Degree Requirements

At the time of graduation, a student will normally have attained a minimum of 120 credits; but no simple accumulation of credits is prescribed to qualify for a degree at Fairfield. Rather the student is expected to have completed with success all of the assigned courses which constitute the curriculum of his choice.

A Q.P. average of 2.0 is required for graduation.

Honors at graduation are awarded for the following weighted Q.P. averages computed for the four years' work:

Summa cum laude	3.85
Magna cum laude	3.70
Cum laude	3.50

Absences

Freshmen are expected to attend every scheduled class. Excessive cuts from class are those that during a semester exceed twice the number of credits given for the course. Credit may be withheld from a student who has incurred an excessive number of cuts in the course.

Unless there are serious reasons for absence upon the day of an examination, a grade of zero will be given for missed examinations. Permission for make-up tests, examinations, and academic obligations unfulfilled because of involuntary absence will be granted only by the Dean of the student's school. Such tests and examinations must be accomplished within two weeks after return to classes. The fee for a final (semester) absentee examination is \$10.00. No reason for the absence, however valid, excuses payment of the fee.

Withdrawal

Any student who withdraws voluntarily will be granted honorable dismissal only under the following conditions:

1. He must not be already liable to dismissal for deficiencies, excessive absence, or misconduct.
2. He must discuss his intention with the Dean of his school, and, if so instructed, must submit the request for withdrawal in writing from his parents or guardian.
3. He must have settled all financial accounts with the University.

A student planning to withdraw should consult the Dean of his school, who will provide him with a form and directions that will clear his status with all interested offices.

When a student is granted honorable dismissal, he may request refund of tuition (but not of special fees) according to the schedule outlined in the University catalogue.

Transcripts

Applications for transcripts should be addressed to the Registrar's office and should state the name and address of the official to whom the transcript is to be mailed. In accordance with the general practice of colleges and universities, complete official transcripts are sent directly by the University, not transmitted by the applicant. Transcripts will not be processed during examination and registration periods.

Student Records

Under the Family Educational Rights and Privacy Act passed by Congress in 1974, legitimate access to student records has been defined. A student at Fairfield University has the right to see any records which directly pertain to the student. Excluded by statute from inspection is the parents' confidential statement given to the Financial Aid Office and medical records supplied by a physician.

A listing of records maintained, their location, and the means of reviewing them is available in the Office of Student Services. Information contained in student files is available to others using the guidelines below:

- a) Confirmation of directory information is available to recognized organizations and agencies. Such information includes; name, date of birth, dates of attendance, address.
- b) Summary of behavioral records and copies of transcripts will be provided to anyone upon written request of the student. Cost of providing such information must be assumed by the student.
- c) All other information excluding medical records is available to staff members of the university on a need-to-know basis; i.e., prior to the release of additional information, a staff member must prove his need to know information to the office responsible for maintaining the records.



The Curricula

FAIRFIELD

General Education Core Curriculum

The goal of a Fairfield education is to develop — in each student — the whole person: the intellectual being who can think clearly, accurately, dispassionately; the social being who cares about others and takes his place in the world with them; the physical being who knows the laws, limitations, and beauty of the natural world; the spiritual being who seeks to make his life express the truths of religions and philosophy.

As Fairfield believes that a liberal arts education can achieve this goal, the University has developed a *general education core curriculum* which all undergraduates must take to acquire a broad liberal arts background in all academic areas. No matter what the student's major or field of specialization, during his years at Fairfield he will take from two to five courses in each of five areas:

Mathematics and Natural Sciences, to acquaint the student with both mathematical logic and the workings of the physical world;

History and Social Sciences, to give the student a knowledge of the past, a contemporary social awareness, and a sense of civic responsibility;

Philosophy and Religious Studies, to help the student acquire a clear knowledge of ultimate religious, philosophical, and moral values;

English and Fine Arts, to develop the habits of logical thinking and accurate expression, and to give an understanding of human nature through literature, drama, music, and art;

Modern Languages and Classics, to provide insight into other cultures and modes of expression and thought.

Within the framework of these five areas, each student has a number of options so that fulfilling the requirement can become a stimulating and enjoyable experience while providing the breadth of knowledge necessary for further studies, and for life as a well-educated human being.

Options within the Core Curriculum

Area I: *Mathematics and Natural Sciences*

- (1) 2 semesters of mathematics. Unless a specific program is required by a student's major, the student may select any two courses from among the offerings of the Department of Mathematics.
- (2) 2 semesters of a natural science. Any two courses in any of the natural sciences fulfill this requirement.

Area II: *History and Social Science*

- (1) 2 semesters of history. In addition to regular History Department offerings, also available as an option in this area is C1 (Hi) 105-106 (Greek and Roman History).
- (2) 2 semesters in one or two of the social sciences.

NOTE: For majors in the social sciences, courses in the department in which they are majoring cannot be used to fulfill the social science requirement in the core.

Area III: *Philosophy and Religious Studies*

- (1) 3 semesters of philosophy. Ph 11 is required.
- (2) 2 semesters of religious studies. RS 10 and any other course in religious studies.

Area IV: *English and Fine Arts*

- (1) 3 semesters of English. En 11-12 are required. The third course may normally be selected from any of the English offerings which do not have a number designation of 100 or over. Also available as options in this area are courses offering classical literature in translation. (See listings under Classics Program.)
- (2) 2 semesters of fine arts. Options: Any two FA courses will fulfill the core requirements.

Area V: Modern Languages and Classics

- (1) 2 semesters (at least at the intermediate level) of any language listed among the offerings of the Modern Languages Department or the Classics Program.

NOTE: 2 semesters at the basic level suffice if the student has achieved intermediate competence in another language during pre-college preparation.

General Education Electives (G.E.E.)

In addition to fulfilling the requirements of the core curriculum, students in B.A. programs are expected to select eight general education electives; students in B.S. programs will select four general education electives, except where otherwise indicated. A general education elective is a 3-credit course outside of the student's area of specialization and not required by his major. In practice this means:

- a) In B.A. programs, G.E.E.s may not be taken in a student's major.
- b) In B.S. (natural science) programs, G.E.E.s may not be taken in Area I (natural sciences and mathematics).
- c) In B.S. (business) programs, G.E.E.s may not be taken in course offerings in the School of Business.

General electives are distinct from *free electives*. A *free elective* is a course chosen by the student without any restrictions relative to the student's area of concentration or major.

College of Arts and Sciences

The College of Arts and Sciences of Fairfield University offers two degree programs: the Bachelor of Arts and the Bachelor of Science.

The Bachelor of Arts is a liberal arts degree with emphasis on the humanities. Students who have had preparation in Latin in high school are urged to continue their classical studies through two years of college and thus earn the *Bachelor of Arts with Classics* degree, even though they do not intend a classics major.

Major concentrations in the B.A. degree program include American studies, economics, English, fine arts (art, music, theatre), history, modern languages (French, German, Spanish), philosophy, politics, psychology, religious studies, and sociology.

The Bachelor of Science is a liberal arts degree with emphasis on the sciences. In this degree program, the University is concerned with providing a solid core of liberal studies, intended to develop the person and the citizen, as well as studies directed to scientific comprehension of a high order that will serve as a foundation for further graduate and professional training or for immediate use in business and industry.

Major concentrations in the B.S. degree program include biology, chemistry, mathematics, physics, and psychology. The concentration in biology provides well beyond the minimum in technical subjects recommended by the Association of American Medical Colleges for admission to medical school.

Specialized Programs in the College of Arts and Sciences

In addition to the traditional major concentrations, the College of Arts and Sciences offers specialized programs and academic services.

Pre-Professional Programs: Students wishing to prepare themselves to enter medical, dental, law, or any other professional or graduate schools are assigned a faculty advisor who is experienced in designing a course of study that will help the student reach his professional goal and who is knowledgeable in the admissions requirements of professional and graduate schools.

Education: Students who plan to teach in secondary schools will major in the discipline that they plan to teach and take the required education courses to qualify for certification as high school teachers.

Cooperative Program in Engineering: In cooperation with the University of Connecticut, Fairfield University provides a five-year engineering program that emphasizes both the liberal arts and professional preparation. A student in this program interrelates the course sequences with three engineering courses at Fairfield and four liberal arts electives at Connecticut.

American Studies: This is an interdisciplinary program that examines American civilization through a combination of courses in English, history, politics, philosophy, and sociology.

Inter-Institutional Courses: Under a reciprocal agreement, full-time students at the University of Bridgeport, Fairfield University and Sacred Heart University may take certain courses at any one of the institutions without payment of any additional fees other than those paid the matriculating institution, providing:

1. The course is not currently offered by Fairfield University;
2. It is on an approved list indicating its availability to Fairfield University students;
3. The student has prior permission from his Dean to take the course;
4. Tuition commitments have been met in full at Fairfield University;
5. Students observe all regulations of the host institution.

Study Abroad: An advisor is available to assist students who may wish to spend a semester or year abroad. He can provide information on many programs and develop a sequence of courses that will relate to the student's Fairfield program. Study abroad usually is undertaken in the junior year; approval of the Dean is required for study abroad in any other year.

Internships: Internships provide the opportunity for practical experience in a career field related to a student's major. The School of Business and several departments of the College of Arts and Sciences — economics, politics, sociology — offer credit for internships in appropriate agencies and business firms. Majors who wish to take advantage of these opportunities should consult their department chairman.

School of Business

Programs leading to the Bachelor of Science degree are offered by the School of Business in four major areas: accounting, finance, marketing, and management, with a concentration available in the area of Quantitative Analysis and Computer Applications. Building upon a strong foundation in the liberal arts and sciences, students are provided with a general core of knowledge and skills to equip them to understand the modern organizational environment and to effectively function within it.

School of Nursing

The School of Nursing offers a curriculum leading to the Bachelor of Science degree with a major in nursing. This curriculum is designed to provide the opportunity for qualified individuals to prepare for professional practice in beginning positions, to provide the foundation for continued formal study in nursing, and to enhance growth toward maturity as individuals, citizens, and professionals. Graduates of this program are eligible for examination for licensure as registered nurses and may advance without further formal education to positions which require beginning administrative skills.

Choice of Curriculum

Description of the various curricula will be found in the college and school sections and, where appropriate, under the discipline heading. It is to be noted that in each curriculum the proper work of the *major*, or field of specialization, is concentrated in the junior and senior years; where preparatory courses are needed, they are taken in the freshman and/or sophomore year. For the student who desires a curriculum involving an ordered sequence of courses (natural sciences, accounting, mathematics) the initial choice of program is advantageous: for the student who is not so determined, it should be noted the freshman and sophomore courses provide a solid basis and background for his subsequent decision to major in such areas as economics, English, history and languages. The major in education, government, sociology, psychology, should usually elect his curriculum at the beginning of the sophomore year.

Minors

In addition to carrying a major, a student may, after consultation with the appropriate chairmen and dean(s), exercise the option of selecting a minor outside the area of his specialization. A minor is a cluster of thematically related courses drawn from one or more departments, usually in the range of 15 to 18 credits. Students electing a minor are still required to fulfill the liberal arts core requirement and to observe the regulations relative to G.E.E.s. Examples of minors available at Fairfield are the Education Program and Latin American Studies. With appropriate consultation and advisement, students may develop minor programs suited to their needs (14-1-1)

Other Divisions and Schools of the University

In addition to the three undergraduate divisions discussed in this catalogue, Fairfield University has other schools and divisions that add to the intellectual atmosphere.

Continuing Education: Recognizing that education is a lifelong process, Fairfield maintains a Division of Continuing Education with two Centers to serve the diverse interests of adults. The commitment of both Centers is to a curriculum designed for the learning needs of adults, and to a flexibility which permits individuals to continue their education in a convenient manner.

Center For Lifetime Learning: The Center for Lifetime Learning offers adults with jobs and/or family responsibilities the opportunity to pursue higher education on a part-time basis. At CLL a broad selection of credit courses is available evenings for those interested in personal growth, career development, or the completion of Bachelor degree programs.

Graduate Study: The University has a Graduate School of Corporate and Political Communication, and a Graduate School of Education. Catalogs are available by calling or writing the appropriate school.



College of
Arts and
Sciences

FAIRFIELD

College of Arts and Sciences

Dean: Stephen L. Weber
Associate Dean: Vincent M. Murphy
Assistant Dean: Rev. Henry Murphy, S.J.

Degrees Offered

The College of Arts and Sciences of Fairfield University offers two degree programs: Bachelor of Arts and Bachelor of Science.

Bachelor of Arts

The Bachelor of Arts is a liberal arts degree with emphasis on the humanities. Students who have successfully completed four years of study in Latin and who wish to continue their classical studies through two years of college may earn a *Bachelor of Arts with Classics* degree, even though they do not intend a classics major.

Major concentrations in the B.A. degree program include American studies, economics, English, fine arts (art, music, theatre), history, modern languages (French, German, Spanish), philosophy, politics, psychology, religious studies, and sociology.

Bachelor of Science

The Bachelor of Science is a liberal arts degree with an emphasis in the sciences.

Major concentrations in the B.S. degree program include biology, chemistry, engineering, mathematics, physics, and psychology. The concentration in biology provides well beyond the minimum requirements recommended by the Association of American Medical Colleges for admission to medical school.

Because the four-year programs for the B.S. degree depend upon the student's major concentration, these programs are shown under the appropriate departmental listings which follow.

Departmental Requirements and Options

Each department or program in the College of Arts and Sciences has specific academic requirements and options for earning a degree in its academic field. Alphabetically by department or program, those requirements and options are:

Bachelor of Arts

	Semester Hours	
	Fall	Spring
Freshman Year		
English (En 11-12)	3	3
History (Hi 15-16)	3	3
Foreign Language	3	3
Philosophy-Religious		
Studies	3	3
Mathematics	3	3
Sophomore Year		
Philosophy	3	3
English-Religious Studies	3	3
Major	3	3
Fine Arts-Elective	3	3
Elective (or language)	3	3

Junior Year

Science	3	3
Major (four courses)	6	6
Social Studies elective	3	3
Elective	3	3

Senior Year

Major (four courses)	6	6
Fine Arts-Elective	3	3
Electives (four courses)	6	6

Bachelor of Arts with Classics

	Semester Hours	
	Fall	Spring
Freshman Year		
Latin	3	3
Greek	3	3
English (En 11-12)	3	3
Philosophy (Ph 11-12)	3	3
Religious Studies (RS 10-Option)	3	3
Sophomore Year		
Latin	3	3
Greek	3	3
Philosophy-Elective	3	3
Major	3	3
Electives	3	3
Junior Year		
Science	3	3
Major (four courses)	6	6
Social Studies Elective	3	3
Electives	3	3
Senior Year		
Major (four courses)	6	6
Electives (six courses)	9	9

NOTE: Four semester courses will be chosen as electives from History, Language or Fine Arts.

Program in

American Studies

Director: O'Connor (*English*)

Liaison Faculty: Anderson (*Sociology*),
Cassidy (*Politics*), Grossman (*Philosophy*),
McCarthy (*History*), Rinaldi (*English*)

The American Studies program provides the student with an interdisciplinary curriculum devoted to the examination of American civilization — its culture, institutions, intellectual tradition, and the relationships of its people. Such a course of study makes possible a unified and comprehensive approach to American life and thought. Besides the thematic unity implicit in such a course of studies, the student will be exposed to the methodological differences which characterize the traditional scholarly disciplines as they deal with the infinite complexities of the American experience.

Requirements for a 30-credit major in American Studies are:

- 12 credits in discipline concentration. Student may concentrate in one of the following: history, literature, philosophy, political science, or sociology.
- 12 credits to be selected from American-oriented courses in disciplines other than the discipline concentration. The student must select at least three different disciplines.
- 3 credits. Research/Theme Course. Fall-senior year.
- 3 credits. Interdisciplinary Theme Course. Spring - senior year.

COURSES AVAILABLE FOR THE AMERICAN STUDIES MAJOR

Fine Arts

- Fa 147 Art in America
- Fa 149 American Architecture
- Fa 137 The American Experience in Film
- Fa 163 Popular Music in America

History

- Hi 151 Colonial America
- Hi 152 Era of the American Revolution
- Hi 153 Jeffersonian and Jacksonian America
- Hi 154 Civil War and Reconstruction
- Hi 155 The Emergence of Urban-Industrial America
- Hi 156 Early Twentieth Century America
- Hi 157 Mid-Twentieth Century America
- Hi 159 Social History of the U.S. - I
- Hi 160 Social History of the U.S. - II

Literature

- En 171 Colonial American Literature
- En 172 American Romanticism
- En 173 American Literature: 1865-1914
- En 174 American Literature: 1914-1950
- En 175 American Literature: 1950-Present
- En 176 American Novel

Philosophy

- Ph 194 American Philosophy
- Ph 197 Social and Business Ethics
- Ph 122 Dewey and Royce

Political Science

- Po 11 American Politics
- Po 118 American Political Thought
- Po 150 Urban Politics
- Po 161 The American Presidency

Sociology

- So 12 American Society
- So 131 Urban Sociology
- So 166 Race Relations
- So 180 Sociology of Law
- So 182 Criminology

AS 101 Research/Theme Course

During senior year, each American Studies major writes a research paper under the supervision of several participating faculty members. Students are encouraged to integrate different intellectual disciplines in the design and realization of their project.

3 semester hours

AS 102 Interdisciplinary Theme Course

This course is a seminar on major ideas and themes which have helped shape American life and thought. A conscious effort is made to show the persistent interaction between the various intellectual and cultural modes of expression.

3 semester hours

Art

(See Fine Arts)

Department of**Biology**

Professors: Rice, Ross

Associate Professor: Combs

Assistant Professors: M. Barone, Bongiorno, Brousseau, Poincelot (*Chairman*)

Lecturers: Cantlon, Holland, Hope-Ross

Adjunct Faculty: Blogoslawski, Oster

The biology curriculum seeks to prepare students for future professional work in the life and health sciences. During the first two years of the program, the department requires botany (Bi 11), zoology (Bi 12), genetics (Bi 121), ecology (Bi 160) and two semesters each of inorganic chemistry, organic chemistry, general physics and calculus. During the last two years, a minimum of four elective courses within the department is required for the B.S. degree. The pattern of electives chosen can vary according to the student's interest and career objectives. The elective program is therefore subject to some individual modification and approved courses in other science departments may be substituted for some biology electives. Thus, students interested in molecular biology may take a course in biophysics or advanced courses in chemistry. Similar arrangements can be made for those interested in neurosciences or biomathematics. Other areas of elective concentrations are (1) pre-medical, pre-dental; (2) naturalist; (3) biology education; (4) marine biology; (5) health administration; (6) environmental health and safety; and (7) graduate biology. Many interdisciplinary approaches are constantly being refined and new ones developed.

The research interests of the faculty provide the opportunity for qualified seniors to participate in either laboratory or library investigations under the guidance of a professor in the student's chosen area of interest. Thus, emphasis on the individual is found not only in the elective program but also in independent study.

Bachelor of Science

(Major in Biology)

	Semester Hours	
	Fall	Spring
Freshman Year		
Biology (Bi 11-12)	5	5
Chemistry (Ch 11-12)	4	4
Mathematics (Ma 13-14)	3	3
Philosophy - Religious Studies	3	3
Foreign Language	3	3
Sophomore Year		
Chemistry (Ch 111-112)	5	5
Physics (Ps 83-84)	4	4
Biology (Bi 121-160)	3	3
English (En 11-12)	3	3
Philosophy-Religious Studies	3	3
Junior Year		
Biology	4	4
English - Philosophy	3	3
Social Studies Electives	3	3
Electives	3	3
Chemistry (Ch 22-24)	4	4
Senior Year		
Biology	3	3
History (Hi 15-16)	3	3
Fine Arts - Elective	3	3
Electives (four courses)	6	6

CAREER INTEREST

ELECTIVE COMBINATIONS

Medical and Dental School

Bi 112	Vertebrate Physiology
Bi 111	Cell Physiology
Bi 142	Embryology
Bi 102	Comparative Anatomy
Bi 152	Microbiology
Bi 131	Histology
Bi 171	Biometrics

FUTURE GRADUATE STUDY ELECTIVE COMBINATIONS

Animal Science

Bi 162	Marine Invertebrate Zoology
Bi 102	Comparative Anatomy
Bi 165	Entomology
Bi 164	Ornithology
Bi 142	Embryology
Bi 222	Population Genetics
Bi 171	Biometrics

Ecology

Bi 222	Population Genetics
Bi 161	Marine Ecology
Bi 166	Biology of Marine Pollution
Bi 165	Entomology
Bi 164	Ornithology
Bi 171	Biometrics

Genetics & Developmental Biology

Bi 222	Population Genetics
Bi 171	Biometrics
Bi 152	Microbiology
Bi 111	Cell Physiology
Bi 142	Embryology
Bi 131	Histology

Marine Biology

Bi 162	Marine Invertebrate Zoology
Bi 161	Marine Ecology
Bi 163	Biology of a Coral Reef (St. Croix)
Bi 166	Biology of Marine Pollution
Bi 152	Microbiology

Microbiology

Bi 152	Microbiology
Bi 153	Microbial Physiology
Bi 111	Cell Physiology
Bi 115	Plant Physiology
Bi 131	Histology

Natural History

Bi 162	Marine Invertebrate Zoology
Bi 161	Marine Ecology
Bi 165	Entomology
Bi 164	Ornithology
Bi 163	Coral Reef
Bi 222	Population Genetics
Bi 171	Biometrics
Bi 115	Plant Physiology

Physiology

- Bi 112 Vertebrate Physiology
- Bi 111 Cell Physiology
- Bi 115 Plant Physiology
- Bi 152 Microbiology
- Bi 153 Advanced Microbiology
- Bi 131 Histology
- Bi 130 Biophysics

Plant Science

- Bi 115 Plant Physiology
- Bi 116 Plant Biochemistry
- Bi 111 Cell Physiology
- Bi 152 Microbiology
- Bi 165 Entomology
- Bi 130 Biophysics
- Bi 114 Horticulture

Bi 11 General Botany

An introduction to plant biology including an examination of the cytology, anatomy, morphology, and physiology of plants. These concepts are related to a phylogenetic survey of the plant kingdom. 3 lectures, 1 laboratory period.

4 semester hours

Bi 12 General Zoology

A classification and phylogenetic survey of the animal kingdom which includes both protozoan and metazoan invertebrates and vertebrates. A systematic study of the anatomy and physiology of representative animal types is considered. 3 lectures, 2 laboratory periods.

5 semester hours

Bi 81 General Biology I

An introduction to the study of biology for the non-science major.

The purpose of the course is to familiarize the student with the general biological principles that govern the activities of all living systems. Concepts such as the biochemical origin of life, cellular morphology and physiology, and human genetics are presented. 3 lecture-demonstration periods.

3 semester hours

Bi 82 General Biology II

A continuation of Bi 81. The human body is the focus of study, with emphasis on man's place in the biosphere. 3 lecture-demonstration periods.

3 semester hours

Bi 83 Fundamental Concepts in Biology

A course for psychology majors. A study of biological molecules; the structure, function, and reproduction of the cell; energy transformations; patterns of inheritance; the nature of the gene and its action; development; the origin of life and evolution through natural selection. 3 lectures, 1 laboratory.

4 semester hours

Bi 84 Fundamental Concepts of Biology

A continuation of Bi 83 including: a survey of vertebrate anatomy and physiology, animal behavior and ecology. 3 lectures, 1 laboratory.

4 semester hours

Bi 102 Comparative Anatomy of Chordates

A detailed and systematic study of the chordate skeletal, integumentary, muscular, respiratory, urogenital, nervous and endocrine systems with special emphasis on the anatomy of a mammal as compared with the anatomy of the other classes of chordates. 2 lectures, 2 laboratory periods.

4 semester hours

Bi 103 Statistics for the Life Sciences I: Basic Statistics

This is an introductory course in statistical methodology and analysis. It includes descriptive statistics, such as frequency distributions, central tendency, variability, and correlation, as well as an introduction to probability, sampling theory, and tests of significance. Although this course may stand alone as an introduction to statistics, it is assumed that most students will continue into Research Design (Bi 104). This course is open to majors in the behavioral, biological and physical sciences.

3 semester hours

Bi 104 Statistics for the Life Sciences II: Research Design

This is an advanced course in inferential statistics. Its purpose is to extend the student's abilities in the design and analysis of research projects through a consideration of hypotheses, theories, measurement, control, and the logical bases of experimental inference. Advanced statistical methods, such as analysis of variance, analysis of co-variance, and non-parametric procedures presented.

3 semester hours

Bi 107-108 Human Anatomy and Physiology

This course is recommended for students of nursing education, and liberal arts. The course is designed to give familiarity with the anatomy and physiology of body processes with special emphasis on the practical aspects of circulation, respiration, digestion, reproduction, the glands of internal secretion, and including techniques for measuring blood pressure, blood typing, and others. 3 lectures, 1 laboratory period a semester.

8 semester hours

Bi 111 Cell Physiology

A study of life at the cellular level. The physico-chemical nature of the function and integration of the ultrastructure components of procaryotic and eucaryotic cells are considered. Included is a treatment of the current aspects of the generation and storage of chemical energy by cells as well as the composition, structure and assembly of biological membranes and their role in internal regulation as influenced by external agents. The laboratory emphasis is on techniques in cell physiology and the identification of biochemical substances. 3 lectures, 1 laboratory.

4 semester hours

Bi 112 Mammalian Physiology

A consideration of homeokinesis in the mammalian organism studied by means of a comprehensive survey of the morphology and physiology of the organ systems of the human body. 3 lectures, 1 laboratory

4 semester hours

Bi 113 Endocrinology

A study of the glands of internal secretion, their location, anatomy, and function. The nature of their secretions and importance in the regulation of body functions will be discussed. 3 lectures.

3 semester hours

Bi 115 Plant Physiology

A study of the environmental (light, temperature, soil, water, and nutrients) and internal (metabolism, membrane phenomena, translocation, and phytohormones) factors that affect plant development. 3 lectures.

3 semester hours

Bi 116 Plant Biochemistry

The study of the structure and function of macromolecules and metabolism related to plants. Carbohydrates, lipids, amino acids, proteins, nucleic acids, and natural products will be stressed. 3 lectures, 1 laboratory.

4 semester hours

Bi 121 Genetics

A study of the principles of Mendelian inheritance and modern theories of heredity; and an introduction to experimental, biometrical, and cytological methods. Whenever possible, examples illustrate the practical applications of the fundamental laws of inheritance in the breeding of plants and animals and in human heredity.

3 semester hours

Bi 123 Genetics Laboratory

The laboratory work is designed to illustrate fundamental principles; *Drosophila* breeding and phases of cytology most directly concerned with genetics will be employed. 2 laboratory periods.

2 semester hours

Bi 131 Histology

A study of the microscopic anatomy of vertebrate animals; the morphology of cells and their combinations in the various tissues and organs of the body. The structure of cells, tissues and organs is constantly related to their functions in the different vital processes, and to the participation of the fundamental tissues in the formation of organs and systems of organs. 2 lectures, 2 laboratory periods.

4 semester hours

Bi 142 Vertebrate Embryology

A course in vertebrate developmental anatomy; the morphology and physiology of the reproductive organs, gametogenesis, segmentation, gastrulation, and the formation of the primary germ layers; a detailed study of the chick embryo from the primitive streak to the establishment of the organs and systems and a consideration of the 10 mm. pig embryo. 2 lectures, 2 laboratory periods.

4 semester hours

Bi 151 Elements of Microbiology

An elementary course in microbiology which aims to show the importance of microorganisms to everyday life. General considerations and applications of this science are discussed with little emphasis on technical and theoretical details. Relationships of microorganisms to foods, sanitation, and disease are shown. The laboratory work deals with simple techniques employed in the study of microorganisms. 2 lectures, 1 laboratory.

3 semester hours

Bi 152 Microbiology

A study of the morphology, physiology, and genetics of microorganisms. Nutritional requirements, enumeration methods, and biochemical characteristics are among the topics presented in the laboratory sessions. 3 lectures, 1 laboratory.

4 semester hours

Bi 153 Advanced Microbiology

A survey of the physiology of microorganisms with emphasis on the microbe as a modifier of the environment. Prerequisites: Bi 111 and Bi 152.

3 semester hours

Bi 160 Ecology

The relationships of living organisms with each other and with their environments viewed through total cycles of nutrients and total flows of energy. Local ecosystems are visited on field trips. 3 lectures, 1 laboratory.

4 semester hours

Bi 161 Marine Ecology

A study of marine communities and their environment, with special consideration of ecosystems in the sea. The laboratories will be held on the waters of Long Island Sound. 2 lectures, 1 laboratory.

3 semester hours

Bi 162 Marine Invertebrate Zoology

A study of the phylogeny, morphology, and physiology of the major marine invertebrate groups, with emphasis on local fauna. The laboratories will include field trips to the coast to collect specimens for identification and study. 2 lectures, 1 laboratory.

3 semester hours

Bi 163 Coral Reef Ecology

A study of Caribbean coral reef types, eg. bank barrier reefs, patch reefs, algal ridges, etc., focusing on their development with a biological and geological framework. Predominant floral and faunal assemblages of the reef and their interrelationships are emphasized. 2 lectures, 10-day field trip.

3 semester hours

Bi 164 Ornithology

Lecture study of the evolution, anatomy, taxonomy, ecology, and ethology of birds. Laboratory and field work will focus on the orders of the birds of the world and identification of all local species. Prerequisite: Bi 12 or Bi 83-84 or permission of instructor. 2 lectures, 1 laboratory.

3 semester hours

Bi 165 Entomology

An introduction of the study of insects. The course will stress principles of insect morphology, physiology, and taxonomy. Laboratories will be devoted to examination of representatives of the more familiar insect orders. 2 lectures, 1 laboratory period.

3 semester hours

Bi 166 Biology of Marine Pollution

The origin, description, detection, and control of biological and chemical pollutants, and the conservation of terrestrial, aquatic, and atmospheric natural resources. Field trips to investigate and characterize changes in Long Island Sound waters which are heavily impacted by heavy metals, hydrocarbons, and pesticides.

3 semester hours

Bi 167 Animal Behavior

An examination of data which pertain to the following generalizations: the behavioral repertoire exhibited by an animal is closely dependent upon the complexity of the nervous system; the behavioral response is dependent upon the hormonal state and specific environmental stimuli; the behavior alters with maturation and experience; behavior is adaptive and functionally indispensable in survival of the species; many behavioral patterns are periodic; capacity for behavioral expression is inherited; behavior has evolved and is subject to natural selection. 3 lecture periods.

3 semester hours

Bi 172 Environmental Safety and Health I

An introduction to those basic elements of the federal Occupational Safety and Health Act of 1970 (OSHA) and the applicable standards established thereunder. Consideration is given to such topics as training of employees on all levels, motivation to work safely, hazard identifications and control, anatomy of an accidental injury, laboratory and special pilot plant safety, electrical hazards.

2 semester hours

Bi 173 Environmental Safety and Health II

This course will explore in-depth ways and means of providing safe work places and safety conscious employees. Emphasis will be placed on the many disciplines of safety engineering and hygiene measures such as hazard degrees, methods of solving problems, procedures for auditing programs, testing procedures, and identifying results.

2 semester hours

Bi 183 Internship

One-day-a-week internship program at a local nature center. Experiences to include familiarization with flora and fauna indigenous to the area; care and feeding of animals; maintenance of nature trails; and working with small groups.

3 semester hours

Bi 184-185 Internship-Student Teaching

Two-days-a-week internship program at a local nature center. Experiences to include leading of small groups consisting of children at all age levels on nature walks; working with staff to develop and implement programs dealing with the environment and conservation; developing skills in preparing displays; identification of flora and fauna; and other related tasks. *3 semester hours*

Bi 196 Special Topics in Biology

The writing of a scholarly paper based upon independent study of a selected topic is required. The research is library rather than laboratory.

2 semester hours

Bi 198 Research

A research thesis, involving laboratory investigation, is required. Students wishing to register for this program must first obtain the consent of the professor supervising research in the area of their interest.

Credit by arrangement

Bi 199 Seminar

Study and discussion of biological research, book reviews, and current periodicals.

2 semester hours

Bi 222 Population Genetics

This course is designed to provide a theoretical background for studies in evolution, plant, and animal improvement. A consideration of the roles of mutation, selection, migration, and population size as factors influencing the genetic constitutions of populations. 3 lecture periods.

3 semester hours

Department of

Chemistry

Professors: Boggio, Carrano, Elder,
MacDonald, O'Connell (*Chairman*)

Associate Professors: Lisman, Sarneski

Assistant Professors: Pulito, Weddle

The department provides a curriculum which insures a comprehensive yet balanced exposure to the science of chemistry. Courses are provided for chemistry majors, for other physical science majors, for non-science majors, and for students planning study beyond the Associate degree.

By appropriate selection of courses, the chemistry major may develop the necessary background for entrance into a variety of endeavors such as high school teaching, studies in medicine or dentistry, studies in allied sciences such as oceanography and geochemistry, graduate work in chemistry, employment in the chemical industry, patent law, or in government.

The curriculum, staff, and facilities of the department are approved by the American Chemical Society as meeting its standards for professional training in chemistry.

Bachelor of Science

(Major in Chemistry)

	Semester Hours	
	Fall	Spring
Freshman Year		
Chemistry (Ch 15-16)	4	4
Mathematics (Ma 17-18)	4	4
English (En 11-12)	3	3
Philosophy - Religious Studies	3	3
Foreign Language	3	3
Sophomore Year		
Chemistry (Ch 111-112)	5	5
Physics (Ps 15-16)	4	4
Mathematics (Ma 23-24)	3	3
English - Philosophy	3	3
Fine Arts - Elective	3	3

Junior Year

Chemistry (four courses)	8	8
Social Studies Electives	3	3
Philosophy - Religious Studies	3	3
Electives	3	3

Senior Year

Chemistry (four courses)	8	6
History (Hi 15-16)	3	3
Electives (four courses)	6	6

- 1) The student intending to enter primary or secondary school teaching should consult with the chairmen of the Departments of Chemistry and Education for appropriate modifications of this curriculum.
- 2) The student intending to enter medical or dental studies should consult with the chairman of the Chemistry Department for appropriate modifications of this curriculum.

Ch 11-12 General Inorganic Chemistry - I & II

A two-semester sequential offering in which the following topics are covered: atomic and molecular weights, the mole concept, avogadro's number, stoichiometry, energy relationships in chemical systems, the properties of gases, the electronic structures of atoms, periodic relationships among the elements, chemical bonding, geometries of molecules, molecular orbitals, liquids, solids, intermolecular forces, solutions, rates of chemical reactions, chemical equilibrium, free energy, entropy, acids and bases, aqueous equilibria, electrochemistry, nuclear chemistry, chemistry of some metals and nonmetals, chemistry of coordination compounds. 3 lectures, 1 laboratory.

4 semester hours

Ch 15 Fundamental Inorganic Chemistry I

This course, intended for chemistry, physics, and engineering majors with a high school background in chemistry, is an introduction to theoretical chemistry. Particular stress is given to the fundamental relations existing between the properties of matter and electronic structure. Some of the topics treated are stoichiometry, matter and energy, the law of mass action, wave-particle duality, chemical bonding and geometry, periodicity and kinetic theory. The laboratory work emphasizes the applications of chemical equilibrium theory to systematic qualitative analysis. 3 lectures, 1 laboratory.

4 semester hours

Ch 16 Fundamental Inorganic Chemistry II

This course, a continuation of Ch 15, is one in which a more advanced approach is maintained and a carefully graduated use of calculus is made. Some of the topics treated are the states of matter, theory of solutions, electrochemistry, the thermodynamic functions, electrochemical processes and calculations, ionic equilibrium, and chemical kinetics. The laboratory work concerns itself principally with volumetric and gravimetric methods of analysis; the student is encouraged to substitute an individual project for part of the formally assigned laboratory work. 3 lectures, 1 laboratory.

4 semester hours

Ch 22 Elements of Physical Chemistry

This course is intended for biology majors and for students preparing for secondary school science teaching. Emphasis is placed on the laws of thermodynamics, chemical equilibrium, solutions of electrolytes, electrochemical cells, and chemical kinetics. Throughout the course special emphasis is given to the physico-chemical properties of living systems. Laboratory experiments illustrate the principles discussed in class. 3 lectures 1 laboratory. Prerequisites: Ch 11-12, Ps 83-84, Ma 13-14, or equivalent.

4 semester hours

Ch 24 Quantitative Inorganic Analysis

The theory and technique of quantitative analysis including neutralization, oxidation and reduction, volumetric precipitation and introduction to gravimetric methods; illustrated by problem work and by laboratory analysis of representative samples. 3 lectures, 1 laboratory. Prerequisite: Ch 22.

4 semester hours

Ch 81 General Chemistry I

An introduction to the study of chemistry for non-science majors. Fundamental principles of inorganic and organic chemistry are discussed and applied to chemical reactions and phenomena. 3 lectures, 1 laboratory.

4 semester hours

Ch 82 General Chemistry II

A continuation of Ch 81, emphasizing the chemistry that is typical of living systems. 3 lectures, 1 laboratory.

4 semester hours

Ch 111 Organic Chemistry I

This course, intended for chemistry and biology majors, is an introduction to organic chemistry with emphasis on structure isomerism, nomenclature, functional groups, synthesis of compounds,

and reaction mechanisms. The laboratory work emphasizes organic techniques, determination of physical constants, and typical syntheses. 3 lectures, 1 laboratory. Prerequisites: Ch 11-12.

5 semester hours

Ch 112 Organic Chemistry II

The synthesis and reactions of the more common classes of organic compounds. Carbohydrates, amino acids, protein, and other natural products are discussed. 3 lectures, 1 laboratory.

5 semester hours

Ch 121 Advanced Organic Chemistry

This course, intended for chemistry majors only, attempts to bring the student closer to the research areas of organic chemistry. Recent developments, syntheses and reaction mechanisms as well as an introduction to spectral identification of organic compounds are discussed. The laboratory consists of the systematic classification, separation, and identification of organic compounds. 3 lectures, 2 laboratory periods. Prerequisites: Ch 111-112.

5 semester hours

Ch 122 Chemical Analysis

The nature and practice of chemical analysis are considered. Classical wet methods of analysis are introduced in connection with a detailed study of chemical equilibria (acid base, redox, complexation, precipitation). Statistical treatment of laboratory data is also considered. The latter portion of the course involves a brief introduction to some modern analytical techniques viewed from a chemical perspective: electronic spectroscopy, electrochemistry (potentiometry and ion selective electrodes, polarography, coulometry), and chemical separations.

The laboratory provides the opportunity to practice and independently study the techniques discussed in lecture. Classical and instrumental methods are utilized, including gas chromatography, potentiometry, polarography, flame and solution spectroscopy, as well as classical titrimetric analysis. Prerequisites: Ch 111-112, Ch 161.

5 semester hours

Ch 124 Introduction to Biochemistry

Topics dealing with the fundamental concepts of biochemistry, including the study of carbohydrates, lipids, proteins, terpenoids, alkaloids, and nucleic acids. Prerequisites: Ch 111-112, Ch 22, Ch 24.

3 semester hours

Ch 126 Chemical Instrumentation

This course surveys the instrumentation available to the modern chemist. Topics covered are categorized as electronics, optical methods, electrometric methods, radio-chemical methods, or separation techniques. Problem solving and applications from the recent literature are emphasized in class. Ten modern instruments are utilized in different laboratory experiments. 3 lectures, 1 laboratory. Prerequisites: Ch 111-112, Ch 22, Ch 24.

4 semester hours

Ch 141 Advanced Inorganic Chemistry

This course considers in detail the modern trends in theoretical inorganic chemistry with a discussion of the descriptive chemistry of the elements from the standpoint of atomic and molecular structure. Selected inorganic compounds are synthesized in the laboratory employing a variety of advanced techniques such as high temperature, electrolysis, the autoclave, the vacuum line, and non-aqueous solvents. The student is allowed considerable individual choice in the selection of the compounds to be synthesized. 3 lectures, 2 laboratory periods. Prerequisites: Ch 161-162, Ch 111-112.

5 semester hours

Ch 161-162 Physical Chemistry I & II

A two-semester sequential offering for chemistry and physics majors. Topics covered include: ideal and non-ideal gases, kinetic molecular theory of gases, absorption of light, molar refraction and polarization, etc., chemical thermodynamics, chemical equilibrium, solution of nonelectrolytes and electrolytes, heterogeneous equilibrium, electrochemical cells, kinetics of gasphase reactions and in solution, wave mechanics, molecular symmetry and bonding, molecular spectroscopy, the solid state, and nuclear chemistry. 3 lectures, 1 laboratory.

4 semester hours

Ch 163 Advanced Topics

A detailed and advanced treatment of topics from any of the four major fields of chemistry. Topics to be presented in a given semester are selected according to the needs and interests of that semester's students. This course is intended for second semester senior chemistry majors. Professors are assigned each year according to the topics chosen.

3 semester hours

Ch 198 Research & Seminar

A research project, normally involving laboratory investigation, is chosen by each senior electing this course. Seminars are held weekly, alternating student reports on research progress and library studies of selected topics

3 semester hours

Program in Classics

Professor: Rosivach (*Director*)

The basic courses provided by the Classics Department aim at securing the proficiency in the Latin and Greek languages indispensable for a firsthand scholarly examination of classical antiquity. The "A.B. with Classics" program, comprising two years of Latin and Greek, seeks to give students who will major in a field other than classics as wide a background in classical antiquity as time will permit both as an aid to their general cultural education and to assist them in their own major fields. The Classics Department also makes available as a general service to the University courses both in English and the original languages for those interested in various specific aspects of classical antiquity.

Classical Civilization

CI 101 Greek Tragedy in Translation

An intensive study in translation of the surviving works of Aeschylus, Sophocles, and Euripides. (A knowledge of Greek is not required.)

3 semester hours

CI 105 Greek History

An intensive and comprehensive survey of the Greek world from the origins of a distinctive Hellenic civilization to the death of Alexander the Great. Stress will be laid on acquiring knowledge of specific topics and primary evidence as well as on a narrative history. (A knowledge of Greek is not required.)

3 semester hours

CI 106 Roman History

A history of Rome from its origins to the death of Constantine. Emphasis will be on the organization of the Roman state and on the key movements which modified and redirected the evolution and decline of Rome. (A knowledge of Latin is not required.)

3 semester hours

CI 108 Roman Religion

Study of the religious beliefs and practices of the Romans during the Republic and early empire. (A knowledge of Latin is not required.)

3 semester hours

CI 109 Epics of Greece and Rome

A survey of the epic tradition in Greek and Latin poetry. Readings will include English translations of Homer's *Iliad* and *Odyssey*, Apollonius' *Argonautica*, Vergil's *Aeneid*, Ovid's *Metamorphoses* and Lucan's *Pharsalia*. (A knowledge of Latin or Greek is not required.)

3 semester hours

CI 101 or CI 109 may be taken to fulfill the sophomore English core requirement.

CI 105 - CI 106 may be taken to fulfill the core requirement in history.

Greek

Gr 11-12 Elementary Attic Greek

Grammar of Attic Greek; readings in easier authors to develop a practical reading knowledge of ancient Greek.

6 semester hours

Gr 21-22 Intermediate Greek Readings

Intensive reading of selected authors of moderate difficulty in various genres, with extensive readings in translation, to give a survey of classical Greek literature.

6 semester hours

Gr 125-126 Advanced Greek Readings

Extensive readings of selected works of ancient Greek literature. Prerequisite: Gr 21-22.

6 semester hours

Latin

La 21-22 Readings in Latin Prose & Poetry

For students with a background of high school Latin or its equivalent, this course attempts to fill out that background by extensive readings in the principle authors and genres not read in high school. *6 semester hours*

La 131 Catullus and Horace

Reading and analysis of the poetry of Catullus and Horace. *3 semester hours*

La 132 Cicero's Letters

Extensive readings from the *Epistulae ad Familiares* and *ad Atticum*; study will emphasize the historical content of the letters. *3 semester hours*

La 133 Roman Elegy

Reading and analysis of the poetry of Tibullus and the Tibullan corpus, Propertius and Ovid. *3 semester hours*

La 144 Roman Comedy

Study of the plays of Plautus and Terence, in the original and in translation, with emphasis on the dramatic and theatrical aspects of the plays. *3 semester hours*

La 146 Vergil

Study of *Aeneid* 7-12, *Eclogues*, and *Georgics*. *3 semester hours*

La 151 Roman Historiography

An examination of the major Roman historians. Selections from Livy and Tacitus will be read in Latin; Sallust and Suetonius will be read in English translation. *3 semester hours*

Dance

(See Fine Arts)

Department of Economics

Professor: Walters (Chairman)

Associate Professors: Buss, Deak, Hohmann

Assistant Professors: Devine, Kelly

Instructor: Prisloe

The curriculum of the Department of Economics is a blend of basic economic concepts and their application to contemporary issues. Courses are designed to develop the student's reasoning capacity and analytical ability. By focusing on areas of application, students are challenged to use economic principles in stimulating their powers of interpretation, synthesis and understanding. Through the Department's individual counseling efforts, majors are encouraged to tailor the course of study to their career and personal enrichment goals. A major in economics prepares the student for graduate or professional schools. It also provides a good background for the business world while maintaining the objectives of a liberal arts education.

Ec 11 Introduction to Micro-Economics

Analysis of the behavior of individual consumers and producers as they deal with the economic problem of allocating scarce resources. Includes a discussion of how markets function to establish prices through supply and demand, how resource costs influence firm supply and how variations in the level of competition affect the efficiency of resource use. Topic areas include anti-trusts policy, the distribution of income, the role of government, and environmental problems. *3 semester hours*

Ec 12 Introduction to Macro-Economics

Uses Keynesian theory to study the aggregate behavior of consumers and businesses as they affect the level of employment and prices. Examines the role of government and the ability of monetary and fiscal policy to stabilize the level of output and inflation. Topic areas include the functioning of the banking system, GNP, taxation, and government spending, monetarism and the influence of money. Ec 12 may be taken prior to Ec 11.

3 semester hours

Ec 104 Intermediate Micro-Economic Theory

Builds upon and expands the theoretical models of Ec 11. The course introduces indifference curves to explain consumer behavior; short and long run production functions showing their relationship to product costs, and the efficiency of various competitive market structures. Topics include marginal productivity theory of income distribution, monopoly, and general equilibrium theory. Required for all majors.

3 semester hours

Ec 105 Intermediate Macro-Economic Theory

An analysis of the determination of national income and output; fiscal and monetary tools; growth, inflation, and stabilization policies. Required for all majors.

3 semester hours

Ec 110 Financial Markets and Institutions

Matters examined include: flow of funds accounting; financial markets and institutions, level and structure of interest rates, security analysis, portfolio theory, and the efficient market hypothesis.

3 semester hours

Ec 111 Money and Banking

Part I covers classical and Keynesian monetary theory, plus discussion of monetarist views.

Part II reviews central banking, Federal Reserve operations and policy making.

Part III considers the commercial banking industry, with a study of operations.

3 semester hours

Ec 112 Economic Aspects of Current Social Problems

A policy-oriented approach is used to study contemporary economic issues. Topics covered include: government spending, the role of federal budgets in solving national problems, poverty, welfare, social security, population, the "limits" to growth" controversy, pollution, and energy. No prerequisite.

3 semester hours

Ec 124 Labor Economics and Industrial Relations

This course is mainly concerned with what might properly be called "labor problems", e.g., 1.) what makes for good industrial relations within a company, 2.) the determination of wages, 3.) unemployment: its types, causes, and cures, 4.) the union movement. No prerequisite.

3 semester hours

Ec 131 International Trade

This course deals with the following matters: international trade theory, international finance and balance of payments disequilibria, multinational enterprise.

3 semester hours

Ec 132 Economic Development of Third World Nations

The nature and causes of the problems facing the less industrialized nations of the world are considered. Primary attention is focused on the impact that various economic policies have on promoting economic development in the "third world."

3 semester hours

Ec 141 Government and Business

This course is basically concerned with two problems: 1.) the structure of our economic system 2.) the government's effort to regulate, by law, the power of large corporations in the interest of the public good. No prerequisite.

3 semester hours

Ec 173 History of Economic Thought

The development of economic thought from ancient times to the present. No prerequisite.

3 semester hours

Ec 174 Comparative Economic Systems

The methods used in various industrialized countries to attain their diverse economic goals are considered. Attention is focused on socialist institutions as a viable alternative to the capitalistic system. The economic systems of the USSR, East Europe, and other economically advanced nations are discussed.

3 semester hours

Ec 175 Managerial Economics

Applies economic concepts and theory to the problem of making rational economic decisions. Topics discussed include inventory control, decision making under risk and uncertainty, capital budgeting, linear programming, product pricing procedures, forecasting, and economic vs. accounting concepts of profit and cost.

3 semester hours

Ec 176 Public Finance

A study of government expenditure and tax policies. Emphasis is placed upon evaluation of expenditures, the structure of federal, state and local taxes, and the budget as an economic document. Fiscal and debt management policies for economic stabilization are also analyzed.

3 semester hours

Ec 178 Statistics

An introductory course in the basic concepts required for the analysis and interpretation of data. Topics in statistical inference include: testing of hypotheses, analysis of variance, and regression and correlation analysis. These tests are applied to data gathered on economic variables.

3 semester hours

Ec 198 Independent Study

For economic majors only; open to seniors by invitation.

Program in Education

Assistant Professor: Costa (*Director*)

Liaison Faculty: Abraham, Fay, Halapin,
Jenkins, Menagh, Petro

Students who are preparing for high school teaching should consult the Chairman of the Department at the end of the freshman year for advice on state certification requirements applying to the subject they wish to teach. No recommendation for teaching will be made if the student's Q.P. average in his chosen field is less than 2.5.

Ed 115 History and Principles of Education

This course presents the historical development of education with regard to curriculum, methods, organization and control, and the relationship of society to each of these areas. The influence of philosophers and educators from Plato and Aristotle to Hutchins and Dewey are considered. During the second half of the course, stress is placed upon the historical development of the American public schools from Colonial times to the present.

3 semester hours

Ed 141 Educational Psychology

A particular application of the more important psychological principles to educational theory and practice. This course embraces a systematic study of the educable being, habit formation, phases of learning, intellectual and emotional growth, and character formation. Individual differences, transfer of training, interest, attention, and motivation, insofar as they influence the teaching process, will be included.

3 semester hours

Ed 145 Adolescent Psychology

A study of human behavior and development during the period of adolescence. Physiological, intellectual, emotional, and social development, and the factors and agencies influencing such development, will be considered.

3 semester hours

Ed 162 Special Methods in Secondary School English

The organizational pattern in which English can best be taught. An analysis of the effectiveness of various types of methodology in bringing about changes in the language usage of young people. The course considers such factors as appropriate curricula materials, methods of organization, approaches to the study of literature, and procedures most cogent in the field of grammar, composition, oral communication, and dialogue.

3 semester hours

Ed 163 Methods of Teaching in Secondary Schools

Application of principles of education to classroom instruction in secondary schools. Attention will be centered upon planning for teaching, uses of various methods and materials, tests, classroom management and discipline. Consideration will also be given to the position of the teacher in public schools, special services available to teachers and pupils, extra-curricular programs, and responsibilities of teachers.

3 semester hours

Ed 171 Survey of Educational Media and Reading Methods

A survey of current audio-visual aids being used in the public schools; includes a study of software hardware. A survey of methods and materials for improving reading and study skills at the secondary school level.

3 semester hours

Ed 172 Survey of Educational Media

A survey of current audio-visual aids being used in the public schools and includes the theoretical framework of proper usage and a study of software and hardware.

3 semester hours

Ed 181 Directed Observation and Supervised Practice Teaching I

An internship course for students who have been approved by the University authorities as potential teachers in secondary schools. Classroom observation will illustrate the theory seen in methods classes. Class organization and management, curriculum division, technical teaching devices, and the manifold relationships of the teacher with the student will be noted under direction. Individual and group conferences with the Director of Teacher Training.

2 semester hours

Ed 182 Supervised Practice Teaching II

A continuation, for students who have satisfactorily completed Ed 181. It will consist of active participation in school life with emphasis on the actual conduct of classes. Lesson planning and execution under the combined supervision of the classroom teacher and the Director of Teacher Training; individual and group conferences on techniques of teaching, classroom management, evaluation, and individual and group diagnostic and remedial devices.

4 semester hours

Ed 183 Internship

One-day-a-week internship program at a local nature center. Experiences to include familiarization with flora and fauna indigenous to the area; care and feeding of animals; maintenance of nature trails; and working with small groups. *May carry credit in biology.*

3 semester hours

Ed 184-185 Internship — Student Teaching

Two-days-a-week internship program at a local nature center. Experiences to include learning of small groups consisting of children at all age levels on nature walks; working with staff to develop and implement programs dealing with the environment and conservation; developing skills in preparing displays; identification of flora and fauna, and other related tasks. *May carry credit in biology.*

6 semester hours

Program in Engineering

The cooperative engineering program with the University of Connecticut offers the student three years of study in the liberal arts and sciences at Fairfield University and two years of specialized engineering courses at the School of Engineering of the University of Connecticut, where he may select any of the principal areas of engineering: chemical, civil, electrical, mechanical, or computer. Upon completion of the five-year program the student receives a Bachelor of Arts degree from Fairfield University and a Bachelor of Science in Engineering from the University of Connecticut.

The skills and knowledge acquired in this five-year engineering program equip the graduate with a competitive advantage for assuming a leading role in his career, in private industry, government, or education.

Bachelor of Arts and Bachelor of Science

(Major in Engineering)

	Semester Hours	
	Fall	Spring
Freshman Year		
Physics (Ps 15-16)	3	3
Physics laboratory	1	1
Mathematics (Ma 17-18)	4	4
English (En 11-12)	3	3
Philosophy (Ph 11-12)	3	3
Religious Studies (Engineering 130)	3	3
Sophomore Year		
Engineering	3	3
Mathematics (Ma 23-24)	3	3
Social Studies (RS 10-Option)	3	3
English - Philosophy	3	3
Electives	3	3
Junior Year		
Elective	3	3
Chemistry (Ch 15-16)	5	5
Mathematics (Ma 111-112)	3	3
History (Hi 15-16)	3	3
Electives	3	3

The student who completes this program in satisfactory standing will then transfer to the School of Engineering of the University of Connecticut at Storrs, Connecticut, where he will enroll as a junior. He will have the option of entering one of the following branches of engineering: chemical engineering, civil engineering, electrical engineering, mechanical engineering, computer engineering.

Four of the courses at the University of Connecticut will be liberal arts electives.

At the completion of this five year program he will receive a Bachelor of Arts degree from Fairfield University and a Bachelor of Science degree in Engineering from the University of Connecticut.

It is recommended that students intending to major in electrical engineering take Electricity and Magnetism I (Ps 171) including Lab in their junior year.

It is recommended that students intending to major in chemical engineering take Inorganic Chemistry (Ch 15-16) in their sophomore year and Organic Chemistry (Ch 111-112) in their junior year.

Eng 111 Statics

Fundamentals of mechanics. Elements of vector algebra; equations of equilibrium for stationary systems, analysis of trusses, friction and distributed forces. Vector methods are used.

3 semester hours

Eng 112 Dynamics

Basic principles of kinematics and kinetics of rigid bodies utilizing vector methods. Application to engineering problems. Topics covered include work and energy, impulse and momentum, curvilinear motion, plane motion, rigid body motion in three dimensions, mechanical vibrations.

3 semester hours

Eng 130 Introduction to Engineering

Introduction to the engineering profession. Visits to local industry. Computer programming in Fortran with applications; engineering calculation methods; analysis of current engineering problems.

3 semester hours

Department of
English

Professors: Riel, Rinaldi

Associate Professors: Berrone, Farnham,
Landry (*Chairman*), McDonnell, McInerney,
M. Regan, O'Connor, Wells

Assistant Professors: Jenkins, Lynch, Menagh,
Minardi, Mullan, Reddy, R. Regan

As an academic discipline, the study of English lies in the center of the liberal arts tradition principally because it searches out and studies human nature as human nature. In literature man is seen in his totality, as a creature of reason, emotions, needs and wants, as private man and social man; this representation enables us to deepen our understanding of ourselves and others, and frees us from cultural narrow-mindedness. Such deliverance is achieved by artistic recreation of imaginative worlds in which the human drama is played out, or by the poetic crystallization of language in which human feelings are touched and reflection is induced. Throughout the centuries, writers have rubbed the rust off reality and have shown us to be vulnerable human beings engaged in human interaction with our fellow human beings. Essentially, the multiple dimensions of man's uniqueness is what literature is all about.

The objectives of the English major are:

- 1) to acquaint the student with the various genres of imaginative literature, such as the novel, poetry, drama;
- 2) to read widely and deeply in the literature of various historical periods in England and America;
- 3) to explore the movements of the history of ideas as they characterize the values of society in a changing world;
- 4) to broaden and deepen the sensibilities of the student by making demands on his esthetic and critical senses; and
- 5) to make him more proficient in his reading and writing skills by exposing him to a wide variety of literary styles.

Today, more than ever, effective communication is necessary in business and industry. The English major's extensive work in writing analysis makes him a desirable candidate for professional employment. Banking, management, public relations, and advertising are just a few of the careers in which the English major's education and skills are invaluable. Law, government, national and international diplomacy, radio, and television are among the professions in which writing and the interpretation of writing are the primary elements of work. For the student who plans to continue his studies in English, the program here at Fairfield prepares him very well, for not one literary period in British or American literature is omitted from our curriculum.

In addition to its major program, the English Department offers a minor in Communications. Students interested in selecting this minor should consult the chairman of the English Department for details.

En 11 Composition and Prose Literature

This course incorporates the study of essays and/or other forms of literary nonfiction to be analyzed in class, together with the student's own exercises in formal and informal analytical prose. En 11 emphasizes the style and rhetoric of prose, techniques of expository writing, and basic writing and research skills such as the dictionary, use of the library, and the MLA Style Sheet.

3 semester hours

En 12 Introduction to Literature

A study of drama, fiction and poetry as they reflect literary and cultural approaches to man and society. Selected works from various ages and civilizations introduce the student to the techniques and traditions of the major literary genres. En 12 also demands critical writing as an extension of composition in En 11, including a research paper.

3 semester hours

English for Non-Majors

En 22 Autobiography and Biography as Literature

A study of the evolution of the genres of autobiography and biography with selected readings from the medieval lives of the saints to contemporary works. Some works included in the course are: Roper's *Life of Sir Thomas More*; Walton's *Life of Donne*; Johnson's *Lives of the Poets*; Gaskell's *Life of Charlotte Bronte*; Strachey's *Eminent Victorians*; Baldwin's *Notes of a Native Son* and Hellman's *Pentimento*. Some concerns the course will address are: the relationship between autobiography and biography, various forms of the two genres (letters, memoirs, diaries, character sketches, etc.) and distinctions between the "factual" or "fictional" modes of presentation.

3 semester hours

En 23 The Epic Hero

This course ranges from Homer to J.R. Tolkien. The epic writer employs a vast canvas in telling his story and so gives us a picture of an entire civilization. His hero embodies the highest values of his society and represents that society against the forces of chaos and evil. Our focus, then, is on the changing image of the hero, particularly as presented in *The Iliad*, *The Odyssey*, *The Aeneid*, and *The Lord of the Rings*.

3 semester hours

En 24 Tragedy

Comparative study of tragic dramas in the Western tradition. Emphasis on major themes and character development. Illustrations from Greek, Indian, English, French, German, and American writings.

3 semester hours

En 25 Shakespeare

A study of Shakespeare's creative and intellectual development. Plays include major histories, comedies, problem plays, tragedies and romances. The course also presents background in Renaissance England and the Elizabethan drama.

3 semester hours

En 27 History and Politics in Literature

An examination of how literature has approached historical and mythic events through epic, romance, fiction, chronicle plays, and other forms. The primary focus is on the classic tension between ethics and politics, private and public values. Authors include Homer, Sophocles, Shakespeare, Shaw, Brecht, Dickens, Melville, Huxley, White, Arthur Miller, and Solzhenitzyn.

En 28 The Study of Human Behavior Through Literature

Students will be taught how to apply basic theories from psychoanalysis and humanistic psychology to folk literature, drama, and fiction.

3 semester hours

En 29 Fiction (American Literary Naturalism)

This course traces elements of literary naturalism in the fiction of selected writers of the twentieth century. Particular emphasis is given to the persistent idea of The American Dream.

3 semester hours

En 31 Existential Literature

This course is a study of the existential world-view as one of the most important bodies of thought in the 19th and 20th Centuries. Absurd thought will be studied, also, as a closely related view of the nature of human life.

Existential and absurd values will be used to confront the following problems: human freedom vs. biological and social determinism, the creation of life meaning vs. the surrender to nothingness implicit in suicide, belief in God vs. affirmation of a humanly centered world, and contribution to society vs. nihilistic withdrawal.

Emphasis will be placed on the perception that existentialism is a positive, even optimistic, philosophy of life, that it is not nihilistic and pessimistic, as it is sometimes misunderstood to be. Emphasis will also be placed on the fact that existentialism is not necessarily atheistic, that some of the prominent exponents of existential thought have written of their belief in God.

Among the authors to be read are Kierkegaard, Nietzsche, Dostoevsky, Sartre, Kafka, Faulkner, Beckett, and Camus.

3 semester hours

En 32 The Nature of the Hero

The course begins with a general discussion of the meaning and function of heroes in society, focusing on them as projections of society's life values. Joseph Campbell's study of the archetype of the hero and the heroic journey will be used as a reference point.

Works from various cultures, ancient and modern, will then be discussed comparatively to study our own culture and other cultures through the heroes who have been projected in literature.

Among the works to be read are *Gilgamesh*, *Beowulf*, *Antigone*, *Murder in the Cathedral*, *The Madwoman of Chailot*, *One Flew Over the Cuckoo's Nest*, *Waiting for Godot*, *Light in August*, and *The Red Badge of Courage*.

3 semester hours

En 34 World of the Detective

An investigation into the literary genre known as "detective fiction" and some of the questions it raises. Why has this literary form been so popular and yet so long ignored in the classroom? What are its characteristics? What changes has it undergone in the hands of British and American writers? What are the differences between the so-called "classical" and "hard-boiled" schools? Is the detective presented as a cultural "hero" or "anti-hero"? How real is the world of the fictional detective? The works of the following writers are studied in detail: Poe, Doyle, Chesterton, Christie, Sayers, Chandler, Ross Macdonald, Hammett, Stout, Tey.

3 semester hours

En 36 Development of the American Short Story

This course will trace the development of the American short story from its emergence in the literary-historical context of nineteenth century America to its maturity in the twentieth century. It will explore most intensively the writings of Poe, Hawthorne, James, and Hemingway, but will consider as well the contributions to the genre of Irving, Crane, and numerous other writers.

3 semester hours

En 45 Allegory and Fantasy

A genre study of prose works involving imaginary worlds, with focus on interpretation of landscape, symbol, and moral hierarchy. Authors studied may include A.A. Milne, Antoine de Saint-Exupery, Kenneth Graham, Lewis Carroll, Voltaire, Herman Melville, C.S. Lewis, J.R.R. Tolkien, Nathaniel Hawthorne, Franz Kafka, and Kurt Vonnegut, Jr.

3 semester hours

En 48 The Quest Hero

Interpretations of the quest hero and his journey through some of the major works of Western literature. Emphasis will be on such archetypal patterns as initiation, trial, descent to the underworld, death and rebirth, apotheosis. Authors studied may include Homer, Virgil, Dante, Cervantes, Fielding, Voltaire, Melville, Kafka, Hesse, Steinbeck.

3 semester hours

En 70 Myth in American Literature

This course starts with an introduction to myth, in general, as an imaginatively conceived world-view or explanation of the meaning of life. Among the topics to be considered are the nature and genesis of myth, and the function of myth for the individual in his search for meaning and for the community in its search for collective meaning.

These ideas will then be applied to mythic themes which have given structure to the American experience, particularly to the Myth of Adam, the Fall, The Seduction of Innocence, the Coming of the Tragic Hero, and Rebirth and Redemption.

Among the American authors to be read are Emerson, Hawthorne, Melville, Howells, James, Dreiser, Fitzgerald, Faulkner, Flannery O'Connor, and Vonnegut.

3 semester hours

En 71 Studies in American Literature I

This course begins with a survey of the Puritan background to American literature and the writings of the early republic. The emphasis will be placed on the early national period and the romantic phase in American literature leading up to the Civil War. The writers to be studied include Irving, Cooper, Melville, Poe, Emerson, Thoreau, Hawthorne and Whitman.

3 semester hours

En 72 Studies in American Literature II

Beginning with a study of the realistic movement, this course continues with a discussion of naturalism and the social and political writings at the end of the nineteenth century. The evolution of the modern temper from the post-World War I period to the present is another major line of development in the course. The writers to be emphasized include Twain, Howells, James, Crane, Norris, Fitzgerald, Hemingway, Faulkner, Mailer and Bellow.

3 semester hours

En 73 Trends in Contemporary British and American Literature

An examination of the changes which have taken place in British and American Literature since World War II. Although fiction will be the focal point of the course, attention will also be paid to poetry and drama. Among those authors who will be considered are: Norman Mailer, Kurt Vonnegut, Joseph Heller, William Golding, Kingsley Amis, C.P. Snow, and Doris Lessing.

3 semester hours

En 75 Modern American Novel

Significant novels that have appeared on the American literary scene since World War II. Works by Salinger, Bellow, Updike, Malamud, Roth, Brautigan, Barth, and others.

3 semester hours

En 94 Minority Literature: The American Scene

The class will read literature written by black, Spanish-American, Indian, and Jewish authors. Through an exposure to minority literature the students should obtain a better understanding of the cultural heritage, problems and aspirations that are characteristic of these ethnic groups.

3 semester hours

En 96 Women in Literature

The title of the course is intended not to define its limits but to widen the scope of literary appreciation by suggesting a new view of old works. Selections of great literature from medieval to modern times will be examined in terms of the current interest in women's rights; the degree to which literature has influenced the role of women will be considered throughout the semester. Authors include Chaucer, Shakespeare, Milton, Byron, Hawthorne, James, Ibsen, Lawrence, and Woolf.

3 semester hours

En 98 Modern Women Writers

The course is study of works by English and American women of the twentieth century, with particular emphasis on their efforts, in creating fictional characters, to understand and solve the problems faced by women in their various roles, especially when these and society's expectations conflict with their development as individuals.

3 semester hours

English Majors

The courses described below are not restricted to English majors, although they are conceived to provide a comprehensive historical and intellectual approach to Western literature.

The English major must, during his last three years, take at least ten upper-division English courses. These should be selected only after close consultation with a departmental advisor. A normal program will include at least five courses dealing with literature from periods prior to the year 1900.

En 100 Speech

An introduction to platform speaking. This course includes training and practice in the preparation and delivery of a speech. It also includes an introduction to the techniques of argumentation and persuasion.

3 semester hours

En 101-102 Survey of English Literature I and II

This is a course designed to provide English majors with an introduction to the major literary figures and critical works of each important period in the development of English literature.

6 semester hours

En 103-104 Creative Writing

Designed to foster creativity and critical acumen through extensive exercises in the composition of verse, fiction, and drama.

6 semester hours

En 105 Journalism

The goal of this course is to develop in the student the ability to write various types of clear, correct, interesting non-fiction, acceptable for publication.

3 semester hours

En 107 Advanced Composition and Teaching Practicum

This course is designed for English education majors but is open to all students who wish to develop their own expository and creative writing skills while they master practical teaching skills by working with freshman composition students for an hour each week.

3 semester hours

En 109 Irish Literature

The purpose of this course will be to study the coming together of many apparently unrelated phenomena around the turn of the century to produce a unique and most unlikely phenomena, The Irish Literary Renaissance.

Initially, the course pursues readings in Irish history to firmly establish the background against which the drama of the Renaissance was played. The founders of the Abbey's greatest products (Synge and O'Casey) will be read. The flowering of a poetry inspired by peculiarly Irish genius will then be read (Yeats, Stephens, Colum, "A.E.", Clarke, Campbell and the '16 poets). In narrative prose, Joyce, Stephens, Moore, O'Kelly, MacNamara, O'Flaherty, O'Connor, O'Faolain, Lavin, and Beckett will be considered.

The course concludes with an evaluation of this Renaissance in terms of its avowed intentions, its significance (first in terms of Irish literature, then in terms of world literature), and a study of the literary descendants of the Revival (Behan, Johnston, Carroll, O'Brien, Macken, Kavanagh, McGahern and others).

3 semester hours

En 111 Shakespeare I

Shakespeare from 1588 to 1600. The plays include the history plays, the early comedies, and the mature romantic comedies, as well as several tragedies *Romeo and Juliet*, *Julius Caesar*. The *Sonnets* and *Venus and Adonis* also fall in this period. Shakespeare's intellectual and artistic development is studied, together with background in Tudor history, the Elizabethan milieu, and the Elizabethan stage.

3 semester hours

En 111a Shakespeare II

Shakespeare from 1600 to 1612. The problem plays, tragedies and romances are the subject matter for an examination of Shakespeare's full maturation as artist and thinker. The Jacobean world-view and changing stage conventions are studied as catalysts in the development of Shakespeare in the second half of his career.

3 semester hours

En 113 Inside Modern Drama

Selected readings from Ibsen to the present. The focus of the course will be on structural and thematic analysis of major modern plays. There will be special consideration of cultural movements from which the plays arise.

3 semester hours

En 114 The New Theater of Europe and America

A critical analysis of the contemporary drama from Beckett to the present. Topics for study will include: The Romantic Survival, Social Realism, Poetic Drama, Existential Drama, and Theatre of the Absurd. Particular emphasis will be placed on the role of the playwright as spokesman for his time. Trips to local theatres and to New York City will complement the class discussions.

3 semester hours

En 115 James Joyce's *Ulysses*

Analysis and interpretation of James Joyce's comic novel, *Ulysses*. Emphasis will be in intensive reading of the text and extensive reading of related criticism and scholarship.

3 semester hours

En 116 Comedy

A survey of various forms of literary comedy from Aristophanes to Joseph Heller. Emphasis is on how comic writers use structure, character, tone and convention to create comic forms, including festive comedy, satire, comedy of manners, farce, and "black comedy." Writers include Shakespeare, Jonson, Moliere, Fielding, Voltaire, Shaw, Chekhov and Twain.

3 semester hours

En 119 Comparative Medieval Literature

The course consists of a comparative study of major works in French and English literature between the eighth and fifteenth centuries. Translated selections from the prevalent genres — epic, romance, lyric, allegory, debate — will be considered, in an effort to determine Continental and Anglo-Saxon influences on the development of themes and forms in subsequent English literature.

3 semester hours

En 121 Chaucer

The course will consist of a close reading, in middle English, of Chaucer's major work, *The Canterbury Tales*. Classes include discussions of the themes, characterizations, literary genres, philosophical concepts, stylistic techniques, and pure charm of this monument of Western literature. Although background material will be provided or assigned as necessary, concentration will be on the text itself rather than on critical or historical commentary.

3 semester hours

En 122 The Adolescent in Literature

This course addresses itself to two major concerns: preparation for those who intend to teach English in high school, and a study of the evolution of the idea of adolescence and the appearance of the "adolescent" in literature. Emphasis is on English literature but some works in translation will be included. Some works studied are: *Antigone*; *Henry IV, Parts I and II*; *Romeo and Juliet*; *Huckleberry Finn*; *Little Women*; *Great Expectations*; *Red Badge of Courage*; *Catcher in the Rye*; *Caesar and Cleopatra*, and *Rasselas*.

3 semester hours

En 129 Renaissance Literature

This course surveys eight to ten major Renaissance authors from the fourteenth through sixteenth centuries, chosen from the following: Aristo, Boccaccio, Castiglione, Cellini, Cervantes, Dante, Erasmus, Machiavelli, Marlowe, Montaigne, Thomas More, Petrarch, Rabelais, Raleigh, Shakespeare, Sidney, and Spencer. Most works are in prose; a few are drama or poetry. Foreign literature is in translation. We will discuss historical perspectives, rhetorical strategies, and literary styles, genres, and traditions — but primarily we will try to compare, through these authors, modern and Renaissance approaches to more durable questions, to the search for meaning and value in self, others, literature, society, religious belief. Students can pursue further studies of individual authors independently within the context of the course.

3 semester hours

En 131 Seventeenth-Century Literature

A selective survey of seventeenth century English literature which includes the drama, poetry and prose of the century with emphasis on dominant themes in the literature. Selected works from: Donne, Jonson, Webster, Herbert, Herrick, Suckling, Lovelace, Marvell, Crashaw, Bunyan, Walton, Pepys and Dryden. *3 semester hours*

En 132 Milton

The study of the development of a poetic genius. The course proceeds from Milton's early poems, through his controversial prose, to his mature masterpieces: *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*. *3 semester hours*

En 135 The Victorian Revolt

A literary portrait of England in the nineteenth century. Selected novels of Dickens, Thackeray, Bronte, Butler and Hardy recreate the human dramas in a turbulent period; selected prose of Carlyle, Mill, Newman, Arnold, Ruskin, Darwin, and Huxley present the drama of ideas in the harsh climate of cultural change. *3 semester hours*

En 136 Victorian Poetry

The primary focus of this course will be on modern perceptions of mortality, death, doubt, faith, and love in selected poems of Tennyson, Browning, Clough and Arnold; its secondary focus will be on the innovative diversity of motifs and styles in selected poems of Swinburne, Hopkins and Hardy. Essentially the nineteenth century poets present angles of observation on human nature that are relevant to the twentieth century. *3 semester hours*

En 141 Film and Literature

This course begins with a survey of the film industry's historical dependency upon literary properties. A comparison analysis is made of specific films adapted from novels, plays, short stories, and poems. The overall intention of this course is to provide the student with a historical and critical perspective on the film as an art form. *3 semester hours*

En 143 Eighteenth-Century Literature

A selective survey of eighteenth century English literature which includes both The Age of Pope and The Age of Johnson. Authors studied include: Pope, Swift, Fielding, Defoe, Richardson, Sterne, Collins, Gray, Johnson, Boswell, Goldsmith, Burns, and Blake. *3 semester hours*

En 152 The Romantic Movement

The study of the English Romantic poets and the "revolution" they caused in literature. A close reading of the poems of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Attention is also given to the literary theories propounded in their prose writings. *3 semester hours*

En 163-164 Development of the British Novel

An intensive study of the British novel as it has developed over the course of the last three centuries. Both formal and thematic aspects of the novel are considered in terms of their historical evolution. In the first semester, novelists from Bunyan to Dickens are studied, while the second semester deals with selected novels from Hardy to C.P. Snow. *6 semester hours*

En 166 Modern British Poetry

A study of British poetry in the twentieth century with regard to its traditional as well as revolutionary aspects. Among the poets to be considered are Hardy, Hopkins, Yeats, Eliot, Auden and Thomas. *3 semester hours*

En 171 Colonial American Literature

This course is divided into three phases: Colonial literature (1607-1765), the literature of the Revolutionary Age (1765-1790), and the literature of the Early National Period (1790-1830). The first phase is primarily an examination of the Puritan writers and their ideational literature. The second examines the literature. The emphasis of the course will be on the Early National Period and the major works of Brown, Irving, Bryant, Freneau and Cooper. *3 semester hours*

En 172 American Romanticism

Starting with a discussion of Romanticism in general as an intellectual and historical movement, the course looks in depth into one of the most fertile periods of American literature, the American Renaissance (1830-1865). Emphasis will be placed on the divergent qualities of such romantics as Emerson, Thoreau, Poe, Hawthorne, Melville, and Whitman. *3 semester hours*

En 173 American Literature: 1865-1914

This course concerns itself with the evolution of American realism after the Civil War and the subsequent naturalistic movement in American literature. The writings of Twain, Howells, DeForest, James, Crane, Dreiser and others.

3 semester hours

En 174 American Literature: 1914-1950

The development of the modern American writer will be traced from the post-World War I era through the depression and up to the period immediately following World War II. The writings of Fitzgerald, Hemingway, Faulkner, Frost, Steinbeck, O'Neill, Mailer, Lowell, Bellow and others.

3 semester hours

En 175 American Literature: 1950-Present

Significant developments in American fiction and poetry from the period immediately following World War II and the present. The writings of Salinger, Updike, Bellow, Vonnegut, Malamud, Barth, Pynchon, Ginsberg, Ferlinghetti, Sexton, and others.

3 semester hours

En 176 American Novel

Tracing the American novel from its imitative beginnings to its development as a unique literary form is the matter of this course. Representative novels by Hawthorne, Melville, James, Faulkner, Bellow, etc., will be examined during the semester.

3 semester hours

En 181 Descriptive English Linguistics

Introduction to the principles of modern descriptive linguistics, especially as they relate to present-day English: its grammatical structure, its sound and spelling systems, its vocabulary, and rules of usage. Modern English grammar will be approached from both the structural and transformational points of view, and special emphasis will be given to the application of linguistic knowledge to the teaching of the language arts, including composition and stylistic analysis.

3 semester hours

En 195-196 Topics in American Literature

Specialized courses and seminars.

En 197-198 Topics in English Literature

Specialized courses and seminars.

Department of Fine Arts

Professor: Emerich

Associate Professors: Heath, O. Grossman,
(Chairman)

Assistant Professors: Eliasoph, Gish, Sax

Lecturers: Kantor, E. Mutrux, R. Mutrux, Ress, I.
Ryan, Scippa, Sill, Volkmann

The Fine Arts Department offers major concentrations in art, music, and theatre. It also offers minors in these areas. A minor consists of 18 credits in the area of concentration. The specific program will vary from student to student. Consult the Chairman for further information.

Art

The program in art and art history, consistent with the humanistic aims and traditions of Fairfield University, offers students an opportunity to explore the history, meaning, and technical methods of art. A general art major is given to those students interested in balancing their course work between classes in art history and studio arts. A major in art history is also presented to those seeking a comprehensive exposure for the historical cycles and styles of western art from the pyramids to the present. Instruction and class participation in all art and art history courses are designed to motivate students towards an enlightened appreciation of the nature of art. The spectrum of courses offered should stimulate both the beginner and the experienced, allowing the individual to develop his creativity.

Film

(See Fine Arts)

Required Courses

All art and art history majors are required to take courses Fa 101-102, Fa 175-176.

General art majors are required to take:

1. any three art history courses (Fa 140-150);
2. any three studio art courses;
3. the courses listed above as required for all art and art history majors;
4. in the senior year, Independent Study (Fa 195), which requires the development of a project under the supervision of a studio art professor.

Art history majors are required to take:

1. any six art history courses (Fa 140-150);
2. the required courses listed above for all art majors;
3. in the senior year, the Honors Paper (Fa 151).

ART HISTORY

Fa 101-102 Arts and Ideas I and II

Specific forms and styles are studied as reflections of human experience, in various periods.

Engineering and mystery in the Egyptian pyramids, perfection in the Classical world, religious fervor in the Middle Ages, mastery of form in the Renaissance and Baroque periods, provide a background for an understanding of the often conflicting artistic expression in the present.

3 semester hours

Fa 140 Art of the Ancient World

A study of the birth of civilization and art in the Nile, Tigris, and Euphrates River areas, and the Mediterranean Sea area. Attention is given to the relationship of art, magic, and primitive ritual.

3 semester hours

Fa 141 Classical Art of Greece and Rome

Begins with the Archaic period in seventh century Greece and follows the perfection of human and architectural forms in classical Athens and Rome. The concept of classicism will be emphasized. Classical art is discussed in relationship to pagan mythology and religion. Out of the superstitious darkness of the ancient world we learn in fifth century Athens that "man is the measure of all things."

3 semester hours

Fa 142 Art of the Medieval World

Continuity and change in Christian art from the late Roman period through its culmination in High Gothic. Included would be the Byzantine style, monuments of the Romanesque, great Gothic cathedrals, and a field trip to the Cloisters.

3 semester hours

Fa 143 The Renaissance in Europe

An overview of the major trends from 1300-1600 in Italy and Northern Europe. Included will be such masters as Donatello, Botticelli, Michelangelo, da Vinci, Raphael, Van Eyck, Durer, and Brueghel. The re-emergence of classicism and the importance of the individual artist will be stressed. Museum visits to outstanding collections of Renaissance art in the metropolitan area will be arranged.

3 semester hours

Fa 144 Baroque Art

An investigation of European art from the late sixteenth century to the early eighteenth century with emphasis on painting, sculpture, and architecture. We will investigate important aspects of the Reformation and Counter-Reformation as they are reflected in the art works of masters such as Bernini, Caravaggio, Velazquez, Rubens, Rembrandt, and Poussin. The changing status of these artists is studied as they ascended from the ranks of skilled artisans to the new heights of spiritual, aristocratic, and intellectual giants.

3 semester hours

Fa 145 Eighteenth and Nineteenth Century Art

The basic causes and ideas underlying Romanticism, Realism, and Neo-Classicism. What was the vision of the "New World" as expressed by the poets, thinkers, musicians, and artists of the period? Emphasis is placed on the works of Ingres, David, Delacroix, Gericault, and Courbet, in France; Constable and Turner and Blake in England; Friedrich in Germany, and Goya in Spain.

3 semester hours

Fa 146 Movements in Modern European Art

A study of the major artists and styles of European art from Impressionism to the present. Special focus is given to the contributions of Monet, Degas, van Gogh, Cezanne, Picasso, Duchamp, Dali, Kandinsky, Miro, and Klee. Museum visits will be arranged to local collections.

3 semester hours

Fa 147 Art in America

A survey lecture course on the major developments in painting, architecture, and design in the United States from the colonial era to the present. Students will be encouraged to study early American arts and crafts from local New England collections as well as to discover the contemporary arts of today. America's aesthetic "Manifest Destiny" will be followed as native artists liberate their working method and style from their Old World masters. The emergence of a truly independent "American Style" is observed through a study of artistic heroes such as: Copley, West, Cole, Eakins, Homer, Ryder, Hopper, Marsh, Gorky, DeKooning, Pollock, Rothko, Rockwell, and Wyeth. The enigmatic direction of contemporary culture in America is studied with insights into the meaning of Pop Art, Minimalism, Conceptualism, and the future of Avantgardism.

3 semester hours

Fa 148 World Architecture

The major buildings and cities of the Western world, and why and how they were erected. The course concentration on the influence of economics, sociology, psychology, and the environment on the art of building throughout history. We will also consider the engineering aspects of architecture as they developed with special emphasis on the present. The course is intended to develop an appreciation and enjoyment of architecture.

3 semester hours

Fa 149 American Architecture

The art of building in America, from pre-Columbian times to the present. Tradition, economics, engineering, and environmental factors influencing its development. We will examine the home, the church, the school, the business center, and the sports complex as reflections of the American way of life. Special emphasis will be placed on the architecture of today.

The aim of the course is to develop an understanding of the man-made environment, and its special relation to ourselves, as individuals and as a society.

3 semester hours

Fa 150 Special Topics Seminar in Art History

The course would be taught by various members of the staff and would focus each year on a different topic. The purpose would be a thorough investigation of the subject, with emphasis on research and class participation. Prerequisites would vary with each topic; students should consult the appropriate instructor.

3 semester hours

Fa 151 Honors Paper In Art History

This is a tutorial writing project done by art history majors and students from outside fields wishing to focus their scholarship on a specific topic. A project proposal must be submitted within three weeks after the start of a semester. It should outline the proposed project and give an indication of the bibliographic tools being consulted. The final paper should demonstrate original scholarship, ideas, and writing skills. A copy of the Honors Paper is retained by the Department of Fine Arts as a permanent record of the student's distinguished achievement. Permission to enter this course should come in the form of a written letter to the Registrar from the supervising professor by request of the student. This course completes the major in art history.

3 semester hours

STUDIO ART**Fa 171-172 Introduction to Drawing and Painting**

Introduction to basic techniques, materials, and fundamental elements as applied to the various expressive processes in drawing and painting. Exercises from life to develop the art of seeing.

3 semester hours

Fa 173-174 Drawing and Painting

Studio course with emphasis on individual exploration of pictorial composition and the organization of natural and abstract forms in space. Study and uses of the working materials of the painter.

3 semester hours

Fa 175 Basic Design

Elements of line, form, composition, and the uses of color are applied to exploratory studio problems which focus on understanding visual phenomena.

3 semester hours

Fa 176 Design II

This course is a continuation of Fa 175. We will explore the use of basic print-making methods, such as woodblock and monotype, as well as fundamental elements of drawing. Emphasis will be placed on the process of decision making and criticism of the work produced in the course.

3 semester hours

Fa 177-178 Drawing for Beginners

Drawing as a basic organizer of thought and feeling — and as a beginning step to image making. An opportunity for those with no previous art study. *6 semester hours*

Fa 179 Figure Drawing

Drawing from life: the study of rhythm, gesture and mass, and the basic geometric forms will develop the student's ability to draw the human figure in action and repose. *3 semester hours*

Fa 191-192 Sculpture I and II

An introduction to the media and techniques of sculpture. *3 semester hours*

Fa 193 History and Technique of Photography

A basic course which explores the fundamental processes of black and white photography, camera use, light metering, composition, darkroom procedures, and the history of photography as a fine art. The student must provide his or her own adjustable 35mm camera. *3 semester hours*

FILM

Fa 135 History of Film I (An Introduction to Film)

The study of early film with emphasis on the origin and development of the techniques of motion picture production. Critical analysis and discussion of selected historical and contemporary films. *3 semester hours*

Fa 136 History of Film II (The Continued Growth of Film as Art)

The course will cover a period in the history of film beginning with the emergence of sound (1930) up to the seventies. Critical analysis and discussion of contemporary films paying particular attention to the major themes and transitions most notable over the last forty years. *3 semester hours*

Fa 137 History of Film III (The American Experience on Film)

An in-depth study of the love affair that has flourished since the first movie house opened its doors in America. America and the movies grew up together, both emerging from the peace and the tranquility of the nineteenth century into the hustle of the twentieth. The course will be concerned with the impressions of war, depression, fears, and dreams as captured in the American cinema. *3 semester hours*

Fa 138 History of Film IV (The Foreign Film)

The course will survey the foreign cinema paying particular attention to the directors and films of Germany, France, Spain, and Italy. *3 semester hours*

Dance

Fa 20 Modern Dance

This course introduces students to the basic principles of gesture and movement which have characterized dance in the twentieth century. *1 semester hour*

Music

The student who wishes to concentrate in music must:

1. take five required courses: Fa 161, 180, 181, 182, 183;
2. take three of the four following courses: Fa 162, 164, 166, 167;
3. take one of the following three courses: Fa 163, 165, 169;
4. take two semesters of core courses in art and/or drama (to fulfill the general education core requirement);
5. take four semesters of applied music in the sophomore and junior years (one lesson per week);
6. attain a minimum level of competence to receive credit.

The Music Department aims at a balance between theory and practice. Therefore, to receive credit, music majors must demonstrate competence on an instrument or in voice. At the end of their sophomore year they must pass a qualifying exam by performing before a jury of the faculty. Preparation for this exam may be undertaken in several ways:

1. Without any training provided through or at Fairfield University.
2. Based on lessons that they are arranging or receiving on their own.
3. On lessons given under the auspices of Fairfield University and the Fine Arts Department.

MUSIC HISTORY

Fa 159 Survey of Chamber Music

This course is designed for students who play an instrument and read music and would like an opportunity to study and rehearse, under supervision, music for small groups. Enrollment is limited and you must have permission of the instructor to enter.

3 semester hours

Fa 160 Nineteenth and Twentieth Century Performers

Music lives only in performance. This course studies the great performers of past and present from Liszt to Mick Jagger.

3 semester hours

Fa 161 Music!

This course assumes no knowledge of music. Through listening to live and recorded music, it enhances the student's enjoyment and understanding of music. An overview of the history of music, stressing the relationship between the art of music and the history of man.

3 semester hours

All other music history courses require Fa 161 as a prerequisite. Exceptions are made at the discretion of the instructor.

Fa 162 Nineteenth Century Romanticism in Music

A comprehensive survey of nineteenth century Romanticism in music. The music of the Romantic era contains some of the richest masterpieces in music history. In addition to the music of Beethoven, Chopin, Verdi, Wagner, etc., the course will consider the relationship between music and the other arts.

3 semester hours

Fa 163 Popular Music in America

Few countries have so vital and strong a tradition of popular music as the United States. Enriched by the music of many ethnic groups, popular music actually encompasses many traditions. This course begins with some of the entertainments of the nineteenth century — minstrel shows, early vaudeville — and continues with the various popular styles of the twentieth century. Special attention will be given to the social values and attitudes which the music promotes or reflects.

3 semester hours

Fa 164 Music before 1750

This course begins with the earliest known music we can decipher — Christian song from the time of Charlemagne. From Medieval and Renaissance times we will listen to the music of the great courts and cathedrals of Europe. The course will conclude with music from the Baroque era with emphasis on the works of Johann Sebastian Bach.

3 semester hours

Fa 165 Music Drama, Moving People

This course examines the theatrical music performed on various kinds of stages. Rock and roll, jazz, the American musical, opera, and ballet will be studied from several perspectives. We will delve into their roots and growth. We will learn how each genre reflects its society. We will find out the power each has to move people politically, socially, intellectually, emotionally, and sexually.

3 semester hours

Fa 166 Music of the Twentieth Century

This course is an introduction to the main streams of music of our time. We begin with Debussy, Ravel and the French moderns. After investigating the music of Stravinsky, Bartok, and other European composers, we will conclude with such modern trends as electronic music, film music, jazz, and rock.

3 semester hours

Fa 167 Music in the Classical Era

During the Classical era (about 1750 to 1830) music shifted from an aristocratic concern to the favorite popular art of the middle class. This course will examine the lives and music of the three most important composers of this period — Haydn, Mozart, and Beethoven. We will stress the relationship of their music to this new mass audience and investigate the struggle each man fought to gain acceptance for his music. *3 semester hours*

Fa 169 American Music

The United States has a rich musical tradition of its own. This course begins with Indian songs and chants, New England psalm-singing, and early Southern hymns. We continue with music by Gottschalk, Foster, Ives, and Gershwin. Special emphasis is placed on jazz as American's great musical art form. *3 semester hours*

MUSIC THEORY

Fa 180 Rudiments of Music

This course will introduce students to the basic concepts of music theory. Beginning with the notation of pitch and rhythm the course investigates the major and minor key system, intervals, chord construction, transposition, the notation of melodies, etc. This course has no prerequisites and presupposes no knowledge of music theory. *3 semester hours*

Fa 181 The Anatomy of Music

This course is a continuation of Fa 180, Rudiments of Music. We will continue to build a theoretical foundation by studying 7th chords, part-writing, chromatic harmony, etc. We will also apply these skills by analyzing a number of classical and popular scores. Those interested in writing original music will have an opportunity to do so. Some methods of ear-training will be discussed. Prerequisite: Fa 180 or permission of instructor. *3 semester hours*

Fa 182 Basic Harmony and Musicianship

This course builds on the theoretical foundation of Fa 180 and 181. The student will develop his musical skills by analyzing scores of classical and popular music, doing theory and ear-training exercises, and composing original pieces. Prerequisites: Fa 180 and 181 or permission of the instructor. *3 semester hours*

Fa 183 Techniques of Orchestrating and Arranging

This course completes the cycle of theory courses. An important task facing the musician is the arranging of songs from a simple piano or piano-vocal score to a full composition. This course investigates some techniques of arranging by a study of classical and popular scores and by arranging original compositions. Prerequisites: Fa 180 and 181 or permission of the instructor. *3 semester hours*

APPLIED MUSIC

Fa 184-185 Fa 186-187 Applied Music (Various Instruments)

The department provides instruction for majors and non-majors alike in piano, flute, guitar, brass, and a variety of other instruments either for credit as a sixth course or for no credit. This instruction carries an extra charge above tuition and usually involves one hour lesson per week at a time arranged with the instructor. Interested students should see a member of the Music Department during the first week of the term. *3 semester hours*

Theatre

Students interested in a drama concentration should consult with the Chairman of the Department for further information.

Fa 100 Introduction to the Theatre

A selective and critical study of the history of world drama. The aim is to discover the varying functions of drama as man searches for self-realization through myth, mystery and reason. Selected readings from Greek, Roman, Renaissance, and modern drama. *3 semester hours*

Fa 103 Writing for the Media

The art of persuasive writing for the communications media. Learn how to convince others and control action through the written word. Enrollment limited. *3 semester hours*

Fa 104 Television and Theatre Production

Play production and the fundamentals of working in a television studio. This workshop course, under the supervision of a professional staff, is designed for beginners and the advanced student to meet the challenge of real production problems. No previous course requirements. Various hours. *3 semester hours*

Fa 108 Communication Media

A study of the basic requirements and vocabulary for a career in communications. This course is designed for those who may consider a future in film, television, theatre or journalism. *3 semester hours*

Fa 110 Acting Basics

Instruction in body movement, mime and dance as the creative expression of thought and action. Also, the study of voice production, control, and diction. Various hours. *3 semester hours*

Fa 111 Creative Writing for Theatre, Television and Film

An intensive study of preparing the scenario, plotting, structure, and characterization. The student begins by writing simple pantomimes, and through a variety of experiments is led to complete a scenario for a major work. Enrollment is limited. *3 semester hours*

Fa 112 The Golden Age of Hollywood and Broadway

A comparative study of the development of film and theatre in the United States in the first half of the twentieth century. Emphasis is placed on the two forms as the interpreter of the sociological and political life of America in those times. *3 semester hours*

Fa 120 Twentieth Century Drama

An analysis of the content, form, and style of Europe's most prominent playwrights to recognize their influence on the development of drama and to evaluate their relevance to the contemporary scene. Play readings from Ibsen to Pinter. *3 semester hours*

Fa 122 American Drama in the Twentieth Century

A study to discover the special problems of the American playwright in his efforts to reflect our society and his role of social critic. *3 semester hours*

Fa 123 Production Methods

A study of television and play production problems. As a member of a production team, the student is responsible for the production of a full scale play and a television experiment. All work under the guidance of professional supervisors. Designed for beginners and advanced students. No previous course requirements. Various hours. *3 semester hours*

Fa 124-125 Independent Study in Theatre and Television

Open to fine arts majors only by special arrangement. *6 semester hours*

French

(See Modern Languages)

German

(See Modern Languages)

Greek

(See Classics)

Department of History

Professors: Buczek, McCarthy

Assistant Professors: Abbott, Baehr, Costello,
Davis, DeAngelis, Kazura, J. Murphy,
(Chairman), Petry

Courses offered by the Department of History are designed to develop insights and a sense of perspective in the study of the human past. All fields of concentration within the discipline will also appeal to those who, while not majoring in history, desire a broad cultural basis for their specific concentration in government, the study of law, foreign service, teaching, and allied professions.

For history majors there are no "allied courses" required other than the "core curriculum." For a B.A. Degree in history, the major must complete at least 24 upper division credits — eight single semester courses bearing three (3) digit numbers in the catalogue. A major is expected to have as broad a selection of courses as possible in every field of concentration. The major must have at least six (6) credits in European history and six (6) credits in American history.

European History

Hi 15 Western Civilization I

From the ancient cultures of Israel, Greece, and Rome to the Protestant revolutions. Lectures and readings demonstrating the foundation and component parts of Western civilization, establishment of the Christian Church, medieval synthesis and its collapse in the sixteenth century.

3 semester hours

Hi 16 Western Civilization II

From the Catholic Reformation to the nuclear age. Lectures and readings demonstrating the triumph of humanism, its secularization, the growth of science, and the ascendancy of liberalism through World War I; twentieth-century second thoughts and re-evaluations.

3 semester hours

Hi 103 Medieval Civilization: Ideas and Institutions I

Christianity and classical culture; the influence of St. Augustine; the Germanic migrations and their institutional influences; the culture of a barbaric society; Church, Empire, and the ideology of the Christian Commonwealth; a struggle of ideas: the investiture controversy.

3 semester hours

Hi 104 Medieval Civilization: Ideas and Institutions II

This course will deal with the interaction between ideas and institutions: the influence of Pope Gregory VII on medieval views of society; feudal institutions and Romanesque art; the rise of cities and scholasticism, universities, Cathedrals, mendicant orders; Church and Empire vis-a-vis the culture and thought of the high Middle Ages.

3 semester hours

Hi 105-106 Renaissance and Reformation I-II

6 semester hours

Hi 107 Rise and Death of Absolutism I

A political and social history survey of the seventeenth century that will show both the successful and unsuccessful attempts to develop or resist absolute government. The contrast between England and France will be the central theme. Connected with this is the story of the failure of war, the emergence of a shift eastward in the European balance of power due to the rise of Prussia and Russia and the growing weakness of the Ottoman Empire.

3 semester hours

Hi 108 Rise and Death of Absolutism II

A political and social history survey of the eighteenth century that begins with the end of effective Bourbon absolutism and finishes with the collapse of Napoleon I after he had temporarily fulfilled both the goals of Louis XIV and the dream of the "philosophes." Parallel to and essential parts of this story will be the reshaping of the Habsburg territories and traditions, the rivalry with Prussia, the rise and decline of "enlightened despotism," the continued emergence of Great Britain as a continental and imperial power, the full entrance of Russia into western affairs, and the consequent development of Russophobia.

3 semester hours

Hi 109 The History of Slavery in Western Civilization

This study will include the examination of slavery and slave systems in the ancient world; Greece, Rome and the Mediterranean; Sub-Saharan Africa; the Iberian Peninsula; the European antecedents of Western slave systems; capitalism and slavery; seigneurialism; Anglo-French Caribbean systems. Also included is a comparison of the effects of slavery in the New World colonies: Latin American slavery contrasted with the North; the Tennenbaum Thesis; the Elkins Thesis; and the evolution of the plantation system of the antebellum South.

3 semester hours

**Hi 111 European Thought and Culture I
1500-1799**

Humanism as the path to salvation from Post-medieval Europe to the French Revolution. Its vicissitudes from Marsiglio of Padua, Pico della Mirandola, and Erasmus to Voltaire, Rousseau, and Goethe. The development of religious thought from Nicholas of Cusa and the *Devotio Moderna* to John Wesley and Febronianism. The growth of scientific thought from Copernicus to Buffon. The reflection of these values in the parallel movements in painting, architecture and music from Piero della Francesca, Brunelleschi, and Josquin des Pres to Fragonard, the brothers Zimmermann, and Franz Josef Haydn.

3 semester hours

**Hi 112 European Thought and Culture II
1799-1975**

The European search for values in the age of political, social, and technological revolution from the optimism of liberalism, socialism, and nationalism to the desperation of fascism, communism, and existentialism. The demythologizing of Western thought from Feuerbach, Balzac, and Darwin to Freud, Max Weber, and Camus. From order to chaos in the arts: from David, Beethoven, and Delacroix to Giacometti, Stravinsky, and Picasso. Conflicting currents in the contemporary Western outlook.

3 semester hours

**Hi 113 European Thought and Culture,
Sixteenth Century**

The culmination of Renaissance humanism in the movement for a reformed and ethical Christianity in the first third of the century (Erasmus, More, Vives, Rabelais). The Lutheran reform, a no-confidence vote in the Renaissance and man. The Calvinist reform, a vote of confidence in man as tool of God. The Counter-reformation as astute blend of humanism and orthodoxy. The lot of the underdog: the failure of the radical reformation. The end of a united Christendom and the emergence by 1600 of a chastened and skeptical humanism (Montaigne, Cervantes, Shakespeare) and the beginning of the turn towards science as solution (Galileo, Bacon, Harvey). The movement in the arts from Botticelli, Bosch, and Bramante to Tintoretto, Palladio, and Monteverdi.

3 semester hours

**Hi 114 European Thought and Culture,
the Enlightenment**

The triumph of natural philosophy and "empiricism" in Locke and Newton, the creators of the French Enlightenment. Early manifestations of the age in Montesquieu, Voltaire, and Pope. The *Encyclopedie* as the quintessential expression of *philosophe* and *bourgeois*. The flood tide of the enlightenment in the materialist and utilitarian thought of La Mettrie, d'Holbach, Helvetius, and Bentham. Hesitations and counter-currents in Rousseau, Diderot, and Sam Johnson. Voltaire, Gibbon, Condorcet, and Herder and the rise of historical thought. The German Enlightenment and Romanticism. The movement in the arts: Baroque, Rococco, Neo-classical, Romantic. Culmination: Kant or Sade?

3 semester hours

**Hi 115 European Thought and Culture,
Seventeenth Century**

Conflicting currents in the seventeenth century find temporary resolution in Baroque art (architecture, sculpture, painting, music, drama, epic): Christian asceticism and humanism, classical and empirical rationalism, renaissance exuberance and skepticism. European values in the age and expression of Bacon and Descartes, Galileo and Pascal, Rubens and Rembrandt, Hobbes, Milton, and Bossuet, the Jesuits, Jansenists and Arminians, Bernini and Wren, Corneille and Racine, Leibnitz and Newton. The battle of the books, the collapse of the Baroque synthesis and the emergence of "empiricism" by 1700.

3 semester hours

Hi 116 European Thought and Culture, the Nineteenth Century

The search for lasting values in a century of cataclysmic change. The major currents of the nineteenth century: romanticism, liberalism, socialism, Marxism, nationalism, social Darwinism, positivism, and modernism. The movement in the arts from Schubert, Weber, Goya, Delacroix, Goethe, and Stendhal to Mahler, Richard Strauss, Monet, Van Gogh, Strindberg, and Zola.

3 semester hours

Hi 121 The French Revolution and Napoleon

The course will deal with the causes of the Revolution, the move from moderate to radical change, the dynamics of the Terror, the roots of counter-revolution, and the reaction that led to military dictatorship; it will also handle the problem of the assessment of Napoleon's career, the basis of his empire and its relationship to the satellite kingdoms, and the effects of French hegemony upon Europe.

3 semester hours

Hi 123 Problems in British History

This course will be devoted to the relations between England and Ireland from the twelfth century Bull *Laudabiliter* until the contemporary embarrassments.

3 semester hours

Hi 124 Nineteenth Century Europe I (1800-1848)

Europe tries to find itself after the first total war. The problems of a postwar generation. The Congress system and peace through the elite. The mixed heritage of the French Revolution and Napoleon. Youth in revolt. The Romantic movement. Liberalism, constitutionalism and laissez-faire. The conservative tradition. Utopian socialism. The impact of the industrial revolution. The revolution of 1848.

3 semester hours

Hi 125 Nineteenth Century Europe II (1848-1870)

The results of the failure of the Revolutions of 1848. Industrialization and an alienated society. Burgeoning of Marxism, Socialism, Nationalism, Liberalism, and Democracy. The unification of Germany and Italy. Napoleon III and the Second Empire. The new Colonialism. Mid-Victorian England. Tortuous diplomacy for peace. Europe and the United States.

3 semester hours

Hi 126 Nineteenth Century Europe III (1870-1915)

Conflicting cultural currents at the fin de siècle. The Purple Internationale. The new Balkan states. A chaotic Republic in France. The empire on which the sun never set. The Prussianization of Germany. The growth of materialism, radicalism, and the impact of urbanization. The new imperialism. Diplomacy and realpolitik. The drift toward war. The diplomatic and military background of World War I. Europe and the non-European world. Social Darwinism and scientific Marxism.

3 semester hours

Hi 127 Twentieth Century Europe I

The course will cover the collapse of the European world-order in the first World War; the problems of the Peace of Versailles; the advance of totalitarian ideologies in Central and Eastern Europe; the failure of the Western democracies to achieve consensus at home or security abroad; the great depression and the collapse of the Versailles system; the origins of Hitler's War.

3 semester hours

Hi 128 Twentieth Century Europe II

The course will describe the transformation of the European war of 1939 into the World War of 1941; the division of Europe in the post-war world and the problem of the origins of the Cold War; the Europe of the Christian Democrats in the 1950s; the end of colonialism and the troubles of the Stalinist Empire; Europe's search for a role in the sixties; the revolutions in Prague and Paris.

3 semester hours

Hi 131 Rise and Fall of the British Empire I

This survey traces the rise of Great Britain from Bosworth Field to the death of Queen Anne. This period of dramatic change commences with an England that is by religion Catholic and, because of the War of the Roses, politically and economically weak. It ends with a "Great Britain" — a growing overseas empire abroad and a solid Protestant establishment at home. In this story the social, political, and cultural impact of the Tudor revolution, the decline of the aristocracy and of the gentry, the Civil War and Glorious revolution, the Acts of Settlement and Union will be emphasized.

3 semester hours

Hi 132 Rise and Fall of the British Empire II

A continuation of the survey that will show the birth and death of two British Empires. It begins with Great Britain as a definite force in the European diplomatic system, and it ends with what this ultimately achieved, the signs of her future collapse, obvious by the end of World War I. In this the importance will be stressed of such items as her colonial policies, the politics of George III, the effects of the American and French revolutionary wars, the demise of the Protestant Establishment, the triumph of the House of Commons and the shattering of the old ways by the "guns of August."

3 semester hours

Hi 133 History of Modern Germany I

The Reformation becomes a German civil war; The tragedy of Westphalia; French and Swiss influences; Absolutism and absurdity; The Kleinstaaterei; Habsburg Hohenzollern rivalry; the wars of the eighteenth century; growth of the military tradition; Aufklärung, Sturm und Drang, and Romanticism; Germany, the French Revolution and Napoleon; Metternichean Germany; liberalism versus nationalism and the Revolutions of 1848; promise and disaster of Frankfurt; Bismarck and unification; the Second Reich — echo or first forerunner of the Third?

3 semester hours

Hi 134 History of Modern Germany II

The constitution of the Second Reich. The Kulturkampf. Movements for social reform. Bismarck as the arbiter of Europe. Germany enters the imperial race. Wilhelmian Germany. Cultural currents at the turn of the century. The steps to war. The impact of the Versailles Treaty. Communists in Berlin and Munich. Reaction of the Right. Weimar and the experiment in democracy. Cultural and social roots of National Socialism, Hitler and the dramatis personae of totalitarianism. The theory and practice of the Third Reich. World War II and the Gotterdammerung. Germany's occupation and division. The two Germanys. Rebirth of a world power?

3 semester hours

Hi 135 History of the Decline and Fall of the Holy Roman Empire I

The effort to reestablish the Roman Empire and the Rise of Germany to European hegemony. The decline of imperial government. Emergence of the major German principalities and new governmental structures in the late Middle Ages.

3 semester hours

Hi 136 History of the Decline and Fall of the Holy Roman Empire II

The effects of the Reformation on Germany politics and society. The Thirty Years' War. Emergence of the German and Austrian great powers. The German cultural resurgence. The collapse of the Empire and the attempt to preserve its values in the Rheinbund.

3 semester hours

Hi 137 Russian Revolutionary Tradition I

The political, social, and religious roots of Muscovite absolutism; "Moscow the Third Rome"; the growth of serfdom; the "Time of Troubles"; problems of Church and State; the Russian Church schism and its consequences; Peter the Great, reformer or revolutionary; the peasant problem in the eighteenth century.

3 semester hours

Hi 138 Russian Revolutionary Tradition II

Catherine the Great as reformer; beginnings of intellectual protest against serfdom and autocracy; Russian in an age of revolution; revolutionary ferment in Russia; Slavophiles and Westernizers; from populism to Marxism-Leninism; the Conservative defense; Menshevik versus Bolshevik.

3 semester hours

Hi 139 Twentieth Century Russia

The course will begin with the Revolution of 1905 and will concentrate on the clash of ideologies leading to the Revolution of 1917. The Revolution of 1917 in its two phases will be studied chiefly from an ideological point of view. Finally an exploration into the relationship between Russian Marxist ideology and power, and ideology and the social and cultural transformation of Russia through the periods of War Communism, N.E.P., Stalinism and post-Stalinism. Readings from Plekhanov, Lenin, Trotsky, Stalin, Krushchev, Gorky, Sholokhov, Pasternak, and Solzhenitzyn.

3 semester hours

Hi 140 The Communist Orbit

The course will concentrate on the internal developments within the Iron Curtain bloc and their relations with the Soviet Union since 1945. The clash between Marxist ideology and traditional values and institutions will be studied in relation to the Stalinist period, the Krushchevian thaw, and the post-Krushchev era. Readings from Marxist and non-Marxist authors.

3 semester hours

American History

Hi 151 Colonial America

A study of the foundations of American civilization. The course commences with a brief survey of the indigenous Indian cultures and an examination of the character of the Indian-white relations. The colonial systems of Spain, France, and England are compared briefly. The course stresses the development of Anglo-American institutions with special emphasis on the influence of the Puritan legacy. An exploration of the origin and development of white attitudes toward the blacks is included. *3 semester hours*

Hi 152 Era of the American Revolution

An examination of the coming of the American Revolution and the transition from colonial to national status. The Confederation period; the forming of the Constitution and the Federalist era. Emphasis on the emergence of a national culture. *3 semester hours*

Hi 153 Jeffersonian and Jacksonian America, 1800-1848

Jeffersonian Republicanism and Jacksonian Democracy. A study of the political, social, economic, cultural, and intellectual developments in this era of expansion and democratization. The Jeffersonian and Jacksonian contributions to the emerging American character will be assessed. The course concludes with an examination of the causes and results of the Mexican War. Special attention will be focused on the reform and utopian movements of the ante-bellum period including Transcendentalism, Mormonism, and Abolitionism. *3 semester hours*

Hi 154 Civil War and Reconstruction

The course will begin with an examination of American expansion in the 1830s and 1840s and concludes with a study of the effects of reconstruction. Included in the general analysis will be the development of Northern economic and social institutions; an evaluation of the ante-bellum South and the effects of slavery; the politics of crisis and sectional interests; the anti-slavery movement; the emergence of Lincoln; secession and war. *3 semester hours*

Hi 155 The Emergence of Urban-Industrial America, 1860-1900

A course oriented to understanding the massive changes in the economic, political, and social life of the United States, which occurred during the brief four-decade span that begins with the Civil War and concludes with American overseas expansion in the closing years of the nineteenth century. Of prime concern are the factors that produced the transformation of the American nation from an agrarian republic into an industrial-urban society. *3 semester hours*

Hi 156 Early Twentieth Century America, 1900-1933

A study of the sources and theories of reform attempted during the first third of the twentieth century to revitalize political and economic democracy in the United States. The application of domestic reforms that produced continued changes in American social life and the emergence of the United States as a leader among the major world powers are considered under the following topics: the Progressive movement; New Nationalism vis-a-vis New Freedoms; Wilsonian idealism and American involvement in World War I; Republican resurgence of the 1920's and the Great Depression. *3 semester hours*

Hi 157 Mid-Twentieth Century America, 1930-1960

In this course the nature and extent of the 1930's economic crisis and the New Deal that produced massive economic, political, and social change in the United States are examined in depth. Major attention is given to American abandonment of isolation and reassumption of leadership in the struggle against German and Japanese militarism, the unsuccessful attempt to establish world peace based on international collective security, the post-war Communist challenge that resulted in the Cold War and the American counter response of a containment policy based on the Truman doctrine, the Marshall Plan, the "Korean police action," N.A.T.O. and the Dulles-Eisenhower doctrines. In addition, the major changes in American domestic life, viz. the Fair Deal, Modern Republicanism of the 1950's, and the Civil Rights movement are studied. *3 semester hours*

Hi 159 Social History of the United States I

This course deals with the feelings, aspirations, and conduct of the American people from their first plantations on the shores of North America to the tragic Civil War. The principal themes are the transformation of Old World attitudes in a New World environment, and the growth of the American principle of equality and freedom.

3 semester hours

Hi 160 Social History of the United States II

The second semester commences with the social problems of Reconstruction. It describes the changes in attitudes of the popular mind as the American people became more urban and industrial and examines the twentieth century conflict between the Puritan past and the polyglot of people pouring into America.

3 semester hours

Hi 161 American Constitution I

Origins of the American constitutional tradition. Revolutionary ideas in action. Jeffersonian republicanism and federal judicial power. The nationalism of the Marshall court. The Taney court and the expansion of business enterprise. Slavery and sectionalism. The Civil War and the Constitution.

3 semester hours

Hi 162 American Constitution II

Reconstruction. The Waite-Fuller court and the industrial revolution. Imperialism and the Constitution. Governmental efforts to restore competition. The police power and the Progressive Era. The tradition of national supremacy. A new era in civil liberties. The New Deal and the old Supreme Court. Procedural safeguards and civil rights. The incorporation theory.

3 semester hours

Hi 163 American Intellectual History I

This study of American intellectual life begins with an examination of the Puritan mind, the development of American political theory, a study of the enlightenment and the age of revolution. Included in this evaluation will be the genesis of a cultural nationalism, intellectual origins of economic theories, the dynamics of democratic thought of the nineteenth century, the dialectics concerning the nature of the Union.

3 semester hours

Hi 164 American Intellectual History II

The evolution of American thought patterns, from the end of the Civil War to the present; an evaluation of the impact of social Darwinism; the triumph of laissez-faire in the postwar era; intellectualism and science; pragmatism, a retrospective analysis of the American liberal tradition; the growth of conservative thought; the impact of radicalism, socialism on democratic institutions.

3 semester hours

Hi 165 American Diplomatic History I

Narrates the struggles of the first 100 years. The labors of American diplomats during the Revolution. The making of peace. Early challenges — the problems of neutrality, the Jay Treaty, the Pinckney Treaty, XYZ Affair, the Louisiana Purchase. Involvement in War of 1812 and making of peace of Ghent. The diplomacy of Monroe and Adams and the Monroe Doctrine. Westward expansion — the Adams-Onís Treaty, annexation of Texas the Mexican War, the Oregon question. U.S. interest in Cuba and Central America. The diplomacy of the Civil War. William Seward and the purchase of Alaska. The post-Civil war claims settlement with Britain.

3 semester hours

Hi 166 American Diplomatic History II

This course treats the emergence of the United States from its traditional non-involvement to world power. It deals with the New Manifest Destiny and the influence of the Spanish-American War and Theodore Roosevelt in bringing the United States into world politics. Also investigated are the Open Door Policy, Taft's Dollar Diplomacy, and Wilson's "Missionary Diplomacy." America's entrance into World War I and writings concerning it will be treated, as also will the rejection of Wilson's leadership and the Wilsonian League. The contributions of the Republican era — the Washington conference, the Kellogg-Briand pact, the Hoover approach to Latin America, and the Hoover-Stimson Doctrine of Non-Recognition — will be assessed.

3 semester hours

Hi 167 American Diplomatic History III

Studies the involvement of the U.S. in World War II and the subsequent problems as leader of the Western nations. Roosevelt's foreign policy and the coming of the war are treated along with writings of Revisionists and Anti-Revisionists of F.D.R.'s policies. War-time diplomacy will be treated with emphasis on the development of postwar problems and the coming of the Cold War. Revisionist writings on the Cold War will be treated along with some criticisms of them. Present day problems of the U.S. as a world leader — Castro in Cuba, war in Indo-China, Arab-Israeli conflict, Far Eastern and European alliance systems — will be studied in their origins and present state.

3 semester hours

Hi 168 The United States in World War II

The Failure of the Versailles Treaty, the League of Nations, and Collective Security to provide lasting peace. The influence of the depression and the activities of the dictators and the Japanese. The Hitler-Stalin Pact. The outbreak of war in Europe. U.S. neutrality policies. Pearl Harbor and U.S. involvement. Japanese conquests in the Pacific and Far East. War time alliance, war-time diplomacy, and conferences. Theatres of activity — Western Europe and Eastern Europe, Hitler's Russian campaign. Allied campaigns in North Africa, Sicily, Italy, Normandy, France. Defeat of Hitler. U.S. recovery in Far East and defeat of Japan. The war at sea. The air war. The atomic bomb. The failure to make a satisfactory peace. The collapse of the war-time alliance with Russia.

3 semester hours

Hi 169 History of American Political Parties I

This course is concerned with the development of the American political party system from the pre-party era of the infant republic to the collapse of the national party system in 1860, contributing to the Civil War. Among the major topics examined in this course are the pre-party political institutions and structure in the United States; the emergence of a two-party system in American government precipitated by the Hamiltonian-Jeffersonian conflict of constitutional interpretation; the decline of the Federalist party and the rise of one-party national government followed by the re-emergence of a new two-party system with the split in the Democratic-Republican party due to the rise of Jacksonian Democracy. The course concludes with an examination of the inability of the new Democratic and Whig Parties to solve the "slavery crisis" and function as national bonds of unity, thus contributing to the outbreak of Civil War.

3 semester hours

Hi 170 History of American Political Parties II

In this course the changing nature of the American political party system from the Civil War to mid-20th century is studied. Among the major party problems examined are: the attempts of the Young Republic Party to develop into a truly national party; the Democratic party's resurgence during the "era of Reconstruction"; the challenge and role of third parties in American political life during the last quarter of the nineteenth century and first quarter of the twentieth century. In addition, the influence of "progressive reforms" on the national two-party system in the decades prior to World War II and the resurgence of the Republican party espousing a return to "conservative concepts" during the middle decades of the twentieth century are examined.

3 semester hours

Hi 171 American Business History I

A survey oriented to understanding the historical development of American business institutions and practices from the establishment of English settlements in North America to mid-nineteenth century. It includes the development and use of the joint stock company by the English mercantile community in establishing North American colonies, the evaluation of a diversified colonial economic system based on mercantile capitalism, the conflict of interest between the English and British colonial business communities as a factor causing the American Revolution, problems of the business community during the initial quarter century of American independence, concluding with a study of the effects of a laissez-faire federal policy upon the evolving banking, commercial, manufacturing, and transport industries in pre-Civil War America.

3 semester hours

Hi 172 American Business History II

A survey of the effects of the Civil War on the American business community, the role played by nation's expanding railway system in developing a national market, the massive expansion of the country's manufacturing plant and production, which stimulated the earliest attempts by businessmen to control production and competition, culminating in the development of trusts and finance capitalism. In addition, the attempts to develop effective federal regulation of abuses by corporate business managements in the quarter century prior to World War I is studied. The course concludes with a survey of the growth of federal regulatory authority and the development of organized labor as countervailing forces constraining the ever-growing concentration of economic power held by giant corporate businesses during the two decades prior to 1950.

3 semester hours

Hi 173 History of the South I

This study begins with the founding of the southern colonies and concludes with an evaluation of the antebellum South; included in the evaluation will be the cultural, political, and economic basis for Southern regional consciousness; the social structure; the slave system; the Bourbon class; Southern politics and the sectional crisis.

3 semester hours

Hi 174 History of the South II

The New South, a continuing examination of the Southern mystique from the Civil War through Reconstruction to the present; a study of Southern mores literature, Faulkner, Warren, Welty, etc. The politics and persuasion of Huey Long; TVA; problems of race, economy, class structure, segregation.

3 semester hours

Hi 175 American Immigrant History

The United States considered as a mosaic made of various immigrant groups; this study will deal separately with the ethnic problems of each group. The study involves the origins and character of immigration problems as a whole; the impact of immigration on American society such as government policy, the roots of nativism, assimilation; the debate over assimilative theories such as cultural plurality, melting pot, etc.

3 semester hours

Hi 176 The American Labor Movement

A survey course tracing the development of the organized labor movement in the United States from its feeble beginnings in the early nineteenth century to a position of economic influence and power in the third quarter of the twentieth century. Commencing with the emergence of local craft unions, the course continues with an analysis of the effects of the rapid expansion of the industrial revolution upon the industrial wage earners' living standard in pre-Civil War America; followed by an examination of the conditions promoting growth of Industrial and trade unionism prior to 1900; the limits of organized labor due to vigorous opposition from giant industrial corporations and manufacturers' associations prior to World War I; decline of organized labor during the 1920s; the National Labor Relations Act and the massive expansion of the organized labor movement through World War II; concluding with an examination of the American labor movement in the post Taft-Hartley era.

3 semester hours

Hi 177 The Frontier

A study of the American frontier, its heritage and influence on the development of American characteristics: political, social, cultural, economic. The study includes an analysis of the Turner thesis; a survey of sectional and regional evolution; New England, Middle Atlantic, and Southern; the Spanish borderlands, the Old Northwest; the westward movement; the Indian problem; mining, cattle, farming frontiers.

3 semester hours

Hi 178 American Negro History

This course will begin with a general survey of the historical evolution of the American Negro from slavery to freedom and conclude with an examination of the contemporary problems of civil rights. Included in the study will be an examination of modern Negro leadership; their institutions, an analysis of federal legislation and Supreme Court decisions; an evaluation of the historical and social implications of the Moynihan Report; Black power, etc.

3 semester hours

Hi 179 Changing Interpretations of the American Past

Readings, lectures and discussions dealing with the evolving historical literature on the American past with emphasis on selected and central problems of the American experience. Issues of historical interpretation that relate to contemporary social and political problems will be stressed. Among the topics examined in the historiographical perspective will be Puritanism, the American Revolution, slavery, and the strengths and weaknesses of the American reform tradition from the Jacksonian era to the present. A major purpose of this course is to acquaint students with some of the classics in the historical literature of the United States through analysis of and samplings from the writings of such historians as William Bradford, Francis Parkman, Turner, Parrington, Beard, and Samuel Eliot Morison.

3 semester hours

Hi 180 American Military History

This course is a study of the impact of war on a democratic society, with particular emphasis on the effects of war on the cultural life of the United States; political, social, economic, intellectual. The study will include a chronological narrative of America's wars, from the Colonial Wars of the seventeenth and eighteenth centuries to the world wars of the twentieth: Korea, Vietnam. An analysis will be made of the art of war and the nature of warfare; geopolitics, policy, strategy and tactics, logistics, weaponry, guerilla warfare, militarism, the military-industrial complex, and war in the nuclear age.

3 semester hours

History (Other Areas)

Hi 181 Social and Cultural History of China and Japan

A study of the traditional civilization of China, Japan, and Korea to c. 1800. Examines the traditional institutions of classical China (Han, Ch'in, T'ang, and Sung) and their diffusion to Japan and Korea; the Mongol and Manchu as alien dynasties; the early Western contacts and the Tokugawa seclusion of Japan. *3 semester hours*

Hi 182 Modern China and Japan

A study of the transformation of traditional civilizations of East Asia since 1800. Topics include the impact of the West and the opening of China and Japan, Japan's Meiji reform and rise to a world power, imperialist rivalry in China, and Nationalism and Communism in the twentieth century. *3 semester hours*

Hi 183 China in Revolution

Traces the major developments since the Chinese Revolution of 1911. A major theme is the struggle between the Nationalists and Communists in China. Special emphasis on the political, economic, and social changes under Communism since 1949. Topics include Communist diplomacy, the "Great Leap" forward, and the thoughts of Chairman Mao on the Great Proletarian Cultural Revolution. *3 semester hours*

Hi 184 Modern Southeast Asia

A study of the formation of mainland Southeast Asian cultures (Burma, Thailand, Cambodia, Laos, and Vietnam) and an analysis of Chinese, Indian, and Western influences on their development. Emphasis will be placed on the process of modernization in emerging nation states. *3 semester hours*

Italian

(See *Modern Languages*)

Latin

(See *Classics*)

Department of

Mathematics

Professors: Shaffer, Wong

Associate Professors: Bolger, Fine (*Chairman*),
Lang, MacDonnell

Assistant Professors: Baglivo, Dennin,
Goldsmith, O'Neill, Scully

For the student of arts, business, and the social sciences, the Department of Mathematics seeks to give training in basic and necessary skills, to bring out the cultural and applied values of mathematics, to show the dependence of other branches of knowledge on mathematics. Students who are majoring in mathematics and the natural sciences will be introduced to mathematical analysis and prepared through a sequence of courses for advanced work in their fields or for graduate work in mathematics.

Bachelor of Science

(*Major in Mathematics*)

	Semester Hours	
	Fall	Spring
Freshman Year		
Mathematics (Ma 15-16)	4	4
English (En 11-12)	3	3
Foreign Language	3	3
Philosophy-Religious Studies	3	
History (Hi 15-16)	3	3
Sophomore Year		
Mathematics (four courses)	6	6
Physics (Ps 15-16)	4	4
English-Philosophy	3	3
Fine Arts-Religious Studies	3	3
Junior Year		
Mathematics (four courses)	6	6
Social Studies Electives	3	3
Philosophy-Elective	3	3
Electives	3	3

Senior Year**Mathematics**

(four courses)	6	6
Fine Arts-Elective	3	3
Electives	6	6

Available to mathematics majors is a minor in Computer Applications. The program includes courses in APL, Fortran, Cobol, Systems Design and Advanced Programming Techniques, and Data Processing. Students interested in selecting this minor should consult with Dr. John Schurdak of the Computer Center.

Mathematics for Non-Majors**Ma 9-10 Liberal Arts Mathematics**

The basic philosophy behind this course lies in the tradition of a liberal arts education in which mathematics has always played an important part. Emphasizes the impact of mathematics on our culture by presenting mathematics as an art rather than as a science. Discusses the influence of mathematical concepts on logic, philosophy, and physics. Relates mathematics to other disciplines such as biology, economics, and sociology. Presents brief biographical sketches of the great mathematicians. The aesthetic beauty of mathematics as a creation of the human mind is stressed.

6 semester hours

Ma 11 Mathematics for Business and the Social Sciences

Sets, real number systems, relations, functions, graphs, systems of linear equations and inequalities, vectors and matrices, linear programming, includes solution by computer.

3 semester hours

Ma 12 Mathematics for Business and the Social Sciences

Introduction to probability theory, elementary statistics, expectations, standard deviation, introduction to differential calculus, maxima and minima.

3 semester hours

Ma 13 Calculus I: Biology and Psychology Majors

Plane analytic geometry; foundations of the calculus; differentiation and integration of algebraic functions; applications.

3 semester hours

Ma 14 Calculus II: Biology and Psychology Majors

Differentiation and integration of trigonometric, logarithmic, and exponential functions; techniques of integration; applications.

3 semester hours

Ma 17 Calculus I: Chemistry, Engineering, and Physics Majors

The rate of change of a function; limits, derivatives of algebraic functions, applications, integration, applications of the definite integral.

4 semester hours

Ma 18 Calculus II: Chemistry, Engineering, and Physics Majors

Transcendental functions, hyperbolic functions, methods of integration, plane analytic geometry, polar coordinates, vectors and parametric equations.

4 semester hours

Ma 23 Calculus III: Chemistry, Engineering, and Physics Majors

Linear algebra: vectors in n -space, vector functions and their derivatives, partial differentiation, multiple integrals.

3 semester hours

Ma 24 Calculus IV: Chemistry, Engineering, and Physics Majors

Vector analysis, infinite series, complex numbers and functions. Differential equations.

3 semester hours

Mathematics Majors

Ma 15 Analysis I: Introduction to Real Analysis

Real numbers, plane analytic geometry and functions; limit, continuity, and the derivative of functions; differentiation of algebraic functions; applications: maximum, minimum, and inflection points, curve sketching, and related rates. Polar coordinates; conic sections; translation and rotation of coordinate axes. *4 semester hours*

Ma 16 Analysis II: Introduction to Real Analysis

Rolle's theorem, mean value theorem, and Cauchy's theorem; indeterminate forms; antidifferentiation; the definite integral, applications: area, volume, center of mass, work and pressure; logarithmic, exponential, trigonometric and hyperbolic function; techniques of integration. *4 semester hours*

Math 21 Analysis III: Intermediate Real Analysis

Solid analytical geometry, vector analysis in two and three dimensions; elementary differential geometry. Functions of several independent variables; techniques and theory of partial differentiation; multiple integration. *4 semester hours*

Math 22 Analysis IV: Intermediate Analysis

Multiple integration, Jacobians, transformations and mappings. Line and surface integrals, theorems of Green, Gauss, and Stokes. Solutions and elementary theory of ordinary differential equations and applications. *4 semester hours*

Ma 100-101 Fundamental Concepts of Advanced Mathematics

Logic; sets; functions; equivalence relations and partitions; factor sets; mathematical induction; isomorphisms; number systems. *2 semester hours each*

Math 103 Analysis V: Advanced Real Analysis

The theory of convergence, sequences, and series of constants; theorems of Bolzano-Weierstrass and Heine-Borel in Euclidean n -space. Sequences and series of functions. Uniform convergence, Power series, series solutions of differential equations. *3 semester hours*

Ma 105 Analysis VII: Real Variables

Metric spaces, topological concepts: open and closed sets, convergence, continuity and homeomorphisms, connected spaces, compact spaces and the Heine-Borel theorem, complete spaces, theorems of Cantor and Baire, isometry and completion, Banach fixed point theorem, the Weierstrass approximation theorem. *3 semester hours*

Ma 106 Number Theory

A study of the integers including but not limited to the following topics: primes and their distribution, divisibility and congruences, Quadratic Reciprocity, special numerical functions such as Euler's ϕ -function, Diophantine equations. The influence number theory has had on the development of algebra and the interplay between the two will be considered. *3 semester hours*

Ma 107 Geometry - Euclidean and Non-Euclidean

Sophisticated review of Euclidean geometry; the history of Euclid's fifth axiom on parallel lines; the non-euclidean geometry of Lobatchewski; Poincare's models of Lobatchewskian geometry; influence of non-Euclidean geometry on mathematics, logic, physics, and philosophy. *3 semester hours*

Math 109 Differential Equations and Dynamical Systems

Theory of ordinary differential equations, exponential of operators, canonical forms of matrices, generic properties of operators, with classical and modern applications. *3 semester hours*

Ma 111 Ordinary Differential Equations and Stability Theory

Solution of linear and nonlinear equations. Stability of solutions. Equal stress given to applications and techniques. Series solution of equations near regular and singular points. Orthogonal functions. Expansion of functions in Fourier, Fourier-Legendre, Fourier-Bessel series. *3 semester hours*

Ma 112 Partial Differential Equations and Boundary Value Problems

Classical theory of heat, wave and potential equations in one, two, and three dimensions. Mathematical formulations of physical problems, solutions in appropriate co-ordinate systems; physical interpretation of mathematical solutions (computer oriented). *3 semester hours*

Ma 131 Abstract Algebra

Group theory and the Sylow Theorems; rings and ideals, integral domains, fields; vector spaces; algebras. *3 semester hours*

Ma 132 Linear Algebra

Linear spaces and subspaces; linear independence and dependence; bases and dimension; linear operators; matrix theory; determinants and systems of linear equations; canonical forms; eigenvalues and eigenvectors; inner product spaces. *3 semester hours*

Ma 133 Special Functions of Mathematical Physics

The Gamma, Beta, Bessel, Neumann and Hankel functions; Legendre polynomials; spherical harmonics; Green's function. *3 semester hours*

Math 134 Applied Linear Algebra

Techniques and applications of linear algebra; solutions of linear equations, determinants, linear geometry, eigenvalues and eigenvectors, for students majoring in the sciences and economics. Not for mathematics majors. *3 semester hours*

Ma 151 Probability Theory

Counting techniques, axiomatic probability theory. Discrete and continuous sample spaces. Random variables, distribution functions, probability density and mass functions. Normal, binomial and Poisson distributions. Limit laws. *3 semester hours*

Ma 152 Probability and Statistics II

Joint distribution and continuous distributions. The binomial distribution. Statistical application of probability. Theory of sampling. Variances of sums and averages. Least squares, curve-fitting, and regression. *3 semester hours*

Ma 170 Point Set Topology

Topological spaces, continuous functions; product, metric, quotient spaces; countability and separation axioms; existence and extension of continuous functions; compactification; metrization theorems, complete metric spaces. *3 semester hours*

Ma 171 Complex Variables

Algebra of complex numbers, analytic functions, integration in the complex plane, Cauchy's theorem and integral formula, conformal mapping, residue theory, applications. *3 semester hours*

Ma 172 Manifolds

Differential mappings; implicit function theorem; differential forms and integration over manifolds; Stokes theorem; selected other topics. *3 semester hours*

Math 180 Computer Science and Numerical Analysis

Numerical solutions of non-linear equations and systems of linear equations are obtained on a computer. Numerical differentiation and integration. Numerical solutions of differential equations, error and stability analysis. Knowledge of FORTRAN required. *3 semester hours*

Ma 190-191 Honors Seminar

Participation is by invitation only and is open to those junior and senior mathematics majors with demonstrated ability who have been recommended by the mathematics faculty. The purpose of this seminar is to provide the talented student with an opportunity to obtain experience in doing individualized study and research in current mathematical journals, under faculty direction. The participant is expected to present several reports on his findings before a group of the student's peers. The subject matter content of the seminar varies from year to year. *3 semester hours*

Department of

Modern Languages

Professors: Bukvic, Fedorchek, Leeber
(*Chairman*), McDonald, Panico

Associate Professors: Bejel, Guarcello

Assistant Professors: Kolakowski, Stabile,
Velazquez, Webster

Lecturers: Y. Eliasoph, Fabbri, C. Rallo,
J. Rallo

The study of modern foreign languages, literatures, and cultures in the original offers the student a second perspective and another point of view on reality and life. This intellectual experience liberates him from the linguistic provincialism of an Anglo-Saxon mentality.

By combining the best of traditional methods with the latest techniques, the Department of Modern Languages stresses progressive proficiency in all language skills to prepare for careers in international business, teaching and multi-lingual education, government and foreign service (Peace Corps, F.B.I., C.I.A., etc.), court interpreter and translator, social work, communications and media. Core requirements may be fulfilled by completing successfully any two semesters of French, German, Italian, or Spanish at 21-22 (intermediate competence) or 31-32 level. If 11-12 level is selected, 21-22 must be taken also, unless the student has achieved intermediate competence in another language during pre-college preparation. Intermediate competence is understood as the ability to read modern prose of moderate difficulty without the aid of a dictionary and to comprehend the gist of the reading selection.

Majors will ordinarily elect upper division credits beyond the advanced courses (31-32). Upper division courses include: an intensive course in composition, another in conversation, four semester courses in literature, a course in culture which can be waived in favor of summer study abroad or Junior Year Abroad (which are encouraged). The study of a second or third language is a recommended part of the major program and usually begins in the sophomore year but may start in the freshman year if desired.

In addition to its major programs, the Department of Modern Languages sponsors a minor in Latin American and Caribbean Studies. Students interested in selecting this minor should consult with the Chairman of the Department of Modern Languages.

French

Fr 11-12 Basic French

The purpose of this course is to teach the students not only to read French but also to pronounce correctly, to understand, to speak, and to write French. Three classes and one laboratory period per week per semester.

6 semester hours

Fr 21-22 Intermediate French

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in the classroom and in the language laboratory. Literary selections are read not only for their aesthetic value but also because they reflect and illustrate characteristic traits of the French people and their typical culture. Three classes and one laboratory period per week for two semesters.

6 semester hours

Fr 23-24 Intermediate Cultural and Vocational French

In this course, materials are read and discussed to acquaint the student with both the culture of France and the world of French business. Basic grammar is thoroughly reviewed. Prerequisite: Fr 11-12 or its equivalent.

6 semester hours

Fr 31-32 Advanced French

The aim of this course is to introduce the student to the major works of literature. Emphasis will be placed on the literary and cultural significance of the texts. A primary goal will be to increase the student's reading ability through intensive analysis. Three classes each week for two semesters.

6 semester hours

Fr 101-102 Survey of French Literature

This course presents a general view of French literature from its origins to the present day. Emphasis is placed upon the more important writers and the major literary periods. Conducted in French. Prerequisite: Fr 21-22 or its equivalent.

6 semester hours

Fr 121 Sixteenth Century Literature

A study of the major writers of the Renaissance period: Rabelais, Du Bellay, Ronsard, Montaigne, and others. Frequent oral and written reports; conducted in French. Prerequisite: Fr 21-22, or its equivalent.

3 semester hours

Fr 131 Seventeenth Century Classical Theatre

This course is devoted to an examination of the plays of Corneille, Moliere, and Racine. Stress is placed on both the revelation of seventeenth century classical principles and the modern relevance of the plays. Conducted in French. Prerequisite: Fr 21-22, or its equivalent.

3 semester hours

Fr 132 Seventeenth Century French Literature

A study of the major authors (exclusive of the dramatists) and their main works: Malherbe, Descartes, Pascal, La Fontaine, Bossuet, Boileau, La Bruyere, and others. Conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 138 Eighteenth Century Literature

Readings and discussion of works by Voltaire, Marivaux, Diderot, Rousseau, Beaumarchais, and others. Frequent papers required; emphasis on class discussion and student participation. Conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 141 Poetry and Drama of the Nineteenth Century

The emphasis will be heavily on the poetry of the nineteenth century, from Romanticism through Symbolism and including Baudelaire and the Parnassian poets. Study of the development of Romantic poetry and how it influenced Symbolism; examination of how the poetry has influenced modern literature. Conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 142 Novel of the Nineteenth Century

This course treats the important novelists of the nineteenth century: Balzac, Stendhal, Flaubert, Zola, and others. Frequent critical papers required; conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 152 The Modern French Novel

Reading and discussion of important modern novelists: Proust, Gide, Mauriac, Bernanos, Giono, and others. The film version of each novel will be screened and will serve as the basis of class discussion. Short critical papers required; conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 153 Existentialist Literature

This course will deal with the works of Malraux, Sartre, Camus, Simone de Beauvoir, and others. It will treat the existentialist view of man and the world as it emerges from novels, plays, and essays. Frequent reports plus critical papers required; conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 155 The Modern French Theatre

An examination of the major dramatists of this century: Claudel, Giraudoux, Anouilh, Montherlant, Sartre, Beckett, Ionesco, etc. Consideration of younger playwrights (Arabal, Vian, and others). Conducted in French. Prerequisite: French 21-22, or its equivalent.

3 semester hours

Fr 156 Twentieth Century French Literature on Film

Reading and discussion of plays, short stories, and novels by such authors as Gide, Cocteau, Mauriac, Giono, Sartre, Camus, and others. The film version of each work will be screened and will serve as the basis of class discussion. Frequent critical papers required; conducted in French. Prerequisite: Fr 21-22.

3 semester hours

Fr 158 French Literature and Film

This course examines the relation between literature and film. Readings from a wide variety of authors: Diderot, Balzac, Maupassant, Daudet, Gide, Cocteau, Robbe-Grillet, Duras, and others. The film version of each work is shown and serves as the basis for class discussion. Frequent oral and written reports; conducted in French. Prerequisite: French 21-22. *3 semester hours*

Fr 181 French Conversation and Phonetics

The goal of this course is to develop and improve the student's conversational ability. This is accomplished through class discussion which involves a variety of current topics. Increasing of vocabulary is stressed; the phonetic alphabet is introduced for the improvement of pronunciation. Conducted in French. Prerequisite: French 21-22, or its equivalent. *3 semester hours*

Fr 182 Advanced Grammar and Composition

This course is intended to assure proficiency in the written language through a review of grammar on the advanced level. Translation into French of English passages; compositions in French on current topics. Prerequisite: French 21-22, or its equivalent. *3 semester hours*

Fr 187 Vocational Oral and Written French

Emphasis in this course is placed both on development of conversational ability and introduction to commercial French. Discussion of current topics; analysis and composition of commercial letters. Prerequisite: Fr 21-22 or its equivalent. *3 semester hours*

Fr 191-192 French Civilization and Culture

An examination of France and the French people in a social and historical perspective. Discussion of a wide range of topics. Students present oral and written reports as an aid to the development of their language ability. Prerequisite: French 21-22, or its equivalent. *6 semester hours*

Fr 196 La Press Contemporaine

Reading and discussion of articles from representative French newspapers and periodicals. All aspects of modern French life are considered: politics, religion, education, the economy, the arts, etc. Frequent oral and written reports; conducted in French. Emphasis on student participation in class. Prerequisite: French 21-22, or its equivalent. *3 semester hours*

Fr 197-198 Coordinating Seminar

Readings and Studies in a specialized area of French, under the direction of a staff member. Designed to fill the special needs of specific students; given at the discretion of the Department Chairman. Hours by arrangement. *6 semester hours*

Fr 197.1 Seminar in Pre-Practice Teaching

A course in special methods of teaching modern languages. Consisting of some lecturers who are master teachers, practice in writing lesson plans which make use of actual textbooks of the various high schools where the seniors will be practice-teaching. Also includes an intensive review of grammar combined with suggested aids involving creativity in the language classroom. *3 semester hours*

German

Gm 11-12 Basic German

The purpose of this course is to teach the students not only to read German but also to pronounce correctly, to understand, to speak, and to write German. Three classes and one laboratory period per week per semester. *6 semester hours*

Gm 21-22 Intermediate German

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in the classroom and in the language laboratory. Literary selections are read not only for their aesthetic value but also because they reflect and illustrate characteristic traits of the German people and their typical culture. Three classes and one laboratory period per week for two semesters. *6 semester hours*

Gm 23-24 Readings in Scientific and Cultural German

This course is designed not only for science majors but also for those students of German needing a broad coherent picture of the development of German culture and civilization. Prerequisite: Gm 11-12 or at least two years of high school German. Three classes and one laboratory period per week for two semesters. *6 semester hours*

Gm 31-32 Advanced German

The aim of this course is to introduce the student to the major works of literature. Emphasis will be placed on the literary and cultural significance of the texts. A primary goal will be to increase the students' reading ability through intensive analysis. Three classes each week for 2 semesters.

6 semester hours

Gm 101-102 Survey of German Literature

A study of the development of German literature from 800 to the present. Selected readings within the framework of the cultural historical development of German literature.

101. The Nibelungenlied, Parzival, the Minnesanger, Martin Luther, Baroque poetry, and Lessing.

102. Storm and Stress, Weimar, the Romantic movement, literary movements of the nineteenth and twentieth centuries, and the readings in major works of contemporary literature.

6 semester hours

Gm 131 Eighteenth Century German Literature

The development of German literature from the "Sturm und Drang" movement, through the classic period of Goethe and Schiller, Henrich von Kleist, analysis of the Romantic literary theory (Eichendorff, Novalis, Hoffmann).

3 semester hours

Gm 133 Goethe's *Faust*

A philosophical, psychological, and literary investigation of Goethe's *Faust*.

3 semester hours

Gm 141 The German "Novelle"

Discussion and analysis of the form and development of the "Novelle" from Goethe to the present.

3 semester hours

Gm 151 German Bildungsroman

Discussion and analysis of the changing influence of culture and society in the Bildungsroman from Parzival to the Blechtrommel.

3 semester hours

Gm 161 Nineteenth Century German Literature

German prose and drama between 1830 and the turn of the century. Junges Deutschland, Biedermaier, Poetic Realism, and Naturalism. Selected works of Buchner, Stifter, Keller, Meyer, Hebbel, Fontane, and Hauptmann.

3 semester hours

Gm 171 Twentieth Century German Literature

A critical study of the intellectual ferment and aesthetic reevaluation around the turn of the century concluding with the National Socialism. Readings and analysis of the most important writers of this time. Wedekind, Kaiser, Kafka, Rilke, Thomas Mann, Hofmannsthal, Musil, Broch, Brecht.

3 semester hours

Gm 173 German Literature after 1945

A critical survey of formal and thematic trends in contemporary German literature. Readings in representative works of Boll, Grass, Frisch, Dürrenmatt, Hildesheimer, Walser, Seghers, Handke, etc.

3 semester hours

Gm 181 German Conversation

This course is intended to assure fluent and accurate use of the spoken language. Correct pronunciation reviewed and drilled through phonetic transcriptions and the imitation of recorded artists. Prerequisite: Gm 31-32 or its equivalent. Required for German majors.

3 semester hours

Gm 182 German Stylistics and Advanced Composition

This course is intended to assure proficiency in the written language. Model passages from the great writers studied, analyzed, and imitated with a view toward developing the student's own accurate and precise style. Prerequisite: Gm 31-32 or its equivalent. Required for German majors.

3 semester hours

Gm 185 Style and Composition

A review of grammar on the advanced level with the aim of improving written composition and introducing the student to elements of German style and composition.

3 semester hours

Gm 191-192 German Civilization and Culture

The main currents of German civilization are presented by means of lectures and student participation in written and oral reports. The geography, history, literature, and fine arts of Germany are scanned and studied as a basis for class discussions. Conducted in German. Prerequisite: Gm 31-32 or its equivalent.

6 semester hours

Gm 197-198 Coordinating Seminar

Readings and studies in a specialized area of German, under the direction of a staff member, designed to fill the special needs of specific students, at the discretion of the Department Chairman. Hours by arrangement. *6 semester hours*

Gm 197.1 Seminar in Pre-Practice Teaching

A course in special methods of teaching modern languages. Consisting of some lecturers who are master teachers, practice in writing lesson plans which make use of actual textbooks of the various high schools where the seniors will be practice-teaching. Also includes an intensive review of grammar combined with suggested aids involving creativity in the language classroom.

3 semester hours

Italian

It 11-12 Basic Italian

The purpose of this course is to teach the students not only to read Italian but also to pronounce correctly, to understand, to speak, and to write simple Italian. Three classes and one laboratory period per week per semester. *6 semester hours*

It 21-22 Intermediate Italian

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in the classroom and in the language laboratory. Literary selections are read not only for their aesthetic value but also because they reflect and illustrate characteristic traits of the Italian people and their typical culture. Three lectures and one laboratory period per week for two semesters. *6 semester hours*

It 31-32 Advanced Italian

The aim of this course is to give the student a better command of the spoken language through a systematic approach to structure by providing him with keener tools for self-expression in oral and written forms. Fundamental grammatical principles will be reviewed, and emphasis will be placed on the acquisition of a practical and literary vocabulary. Selections from great Italian writers including Dante, Petrarca, Boccaccio, Foscolo, Leopardi, Manzoni, and Pirandello will be read and studied for comprehension, analysis, and discussion. Three classes per week for two semesters.

6 semester hours

Spanish

Sp 11-12 Basic Spanish

The purpose of this course is to teach the student not only to read Spanish but also to pronounce correctly, to understand, to speak, and to write Spanish. Three classes and one laboratory period per week per semester. *6 semester hours*

Sp 21-22 Intermediate Spanish

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation, both in the classroom and in the language laboratory. Literary selections are read not only for their aesthetic value but also because they reflect and illustrate characteristic traits of the Spanish people and their typical culture. Three classes and one laboratory period per week for two semesters. *6 semester hours*

Sp 31-32 Advanced Spanish

An advanced language course stressing composition, conversation and review of troublesome points of syntax. Reading and study of selected works of Spanish and Spanish-American authors. Emphasis on training and development of skills required in literary analysis. Three classes each week for two semesters. *6 semester hours*

Sp 101-102 Survey of Spanish Literature

This course presents a general view of Spanish literature from its origin to the present day. Emphasis is placed upon the more important writers and the major literary periods. Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent.

6 semester hours

Sp 111-112 Survey of Spanish-American Literature

Reading and critical analysis of the more important writers. Special emphasis on literary currents in Spanish America and their relationship to socio-historic and aesthetic reality. Prerequisite: Sp 31-32 or its equivalent. *6 semester hours*

Sp 116 Gauchismo

The gaucho as theme and motif in diverse genres of the literature of the River Plate region. Prerequisite: Sp 31-32 or its equivalent.

3 semester hours

Sp 117 Indianismo

The Indian as principal theme and motif in diverse genres of Spanish-American literature. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 118 Spanish-American Essay

A study of the socio-political contents and aesthetic qualities of representative works from the Colonial to the Contemporary period. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 119 Spanish-American Drama and Short Prose Fiction

Representative dramas and/or short stories from the period of Independence to the present. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 131-132 Spanish Literature of the Siglo de Oro

A study of the more important writers of the late Renaissance and the Baroque Period in Spain. Special emphasis placed on the drama and lyric poetry. Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *6 semester hours*

Sp 141-142 Nineteenth Century Literature

Reading and analysis of the most significant writers and genres of the Romantic Movement in Spain. Realism and Naturalism in Spain. Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *6 semester hours*

Sp 145 Spanish-American Novel I

Romanticism, Realism, and Naturalism in the novel of the nineteenth century. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 146 Spanish-American Novel II

Salient works from Modernism to the Contemporary period. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 148 Spanish-American Poetry

Analytical study of selected authors whose works are demonstrative of literary currents in evidence from the Colonial period to the present. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 151 Masters of the Spanish Novel

A study of the novel from the time of Cervantes to the present day, with emphasis on the picaresque novel, the realistic and regional novels of the nineteenth century. Special attention given to the *Quixote* of Cervantes. Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 153 The Picaresque Novel

In a genre peculiarly Spanish the decadent lower class society of the Golden Age is portrayed through roguish adventures of its principal "heroes." Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 171-172 Modern Spanish Literature

A study of the most representative writers of the Generation of '98 (fall); readings and lectures with class discussions of the contemporary poets, novelists, and dramatists (spring). Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *6 semester hours*

Sp 181 Spanish Phonetics and Conversation

This course is intended to assure fluent and accurate use of the spoken and written language. Correct pronunciation reviewed and drilled through phonetic transcriptions and the imitation of recorded artists. Prerequisite: Sp 31-32 or its equivalent. Required course for Spanish majors. *3 semester hours*

Sp 182 Spanish Stylistics and Composition

The objective of this course is to improve the student's proficiency in the written language. It provides opportunity for intensive practice in accurate use of vocabulary, grammar, and syntax through study and analysis of works of contemporary writers. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 185 Progress in Written Spanish

This course is intended primarily for non-Spanish majors who wish to continue their work in written expression and master a skill that would be an asset in numerous careers. It attempts to help the student develop a sure grasp of Spanish syntax and native locution through the writing of articles, essays, letters, etc. Prerequisite: Sp 21-22. *3 semester hours*

Sp 186 Career-Oriented Conversational Spanish

This course is intended primarily for non-Spanish majors who wish to develop a degree of proficiency in conversational Spanish related to diverse careers. It attempts to provide students with necessary lexicon and structure related to areas such as business, medicine, etc. The class room ambience is one of group situational reinforcement. Prerequisite: Sp 21-22. *3 semester hours*

Sp 187 Practical Applied Linguistics

A study of the differences between Spanish and English, and of the major difficulties in Spanish which confront the native English speaker. Although the course is broad in scope, the work ranges from the basics of pronunciation, lexicology, and comparative structure to rules of current usage. Particular attention will be given to such points of interference as the subjunctive, the verbal system, *ser* and *estar*, and others. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 191-192 Hispanic Civilization and Culture

The main currents of Spanish civilization are presented by means of lectures and student participation in written and oral reports. The geography, history, literature, and fine arts of Spain and Latin America are scanned and studied as a basis for class discussions. Conducted in Spanish. Prerequisite: Sp 31-32 or its equivalent. *6 semester hours*

Sp 193 Spanish-American Civilization

A study of the cultural heritage of Spanish America: Pre-Columbian, Hispanic, and other European influences. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Sp 194 Aspects of the Spanish-Speaking World

The focus of this course is on selected parameters of contemporary culture which reflect the typical lifestyles, customs, and value systems of the Spanish-speaking people and their unique psychology. The principal emphasis will be on development of the student's ability to speak correct Spanish and especially on enlarging his vocabulary. This course should prove valuable not only to Spanish majors but to all students interested in international business, medicine, political science, psychology, etc. Prerequisite: Sp 21-22 or its equivalent. *3 semester hours*

Sp 197-198 Coordinating Seminar

Readings and studies in a specialized area of Spanish, under the direction of a staff member, designed to fill the special needs of specific students, at the discretion of the Department Chairman. Hours by arrangement. *6 semester hours*

Sp 197.1 Seminar in Pre-Practice Teaching

A course in special methods of teaching modern languages. Consisting of some lecturers who are master teachers, practice in writing lesson plans which make use of actual textbooks of the various high schools where the seniors will be practice-teaching. Also includes an intensive review of grammar combined with suggested aid involving creativity in the language classroom. *3 semester hours*

Sp 199 Puerto Rican Literature and Culture

Study and explanation of distinctive elements of the language of Puerto Rico. Discussion of the fusion of indigenous, Hispanic, and Anglo-Saxon influence as manifested in the island's culture. Reading, study, and critical analysis of the more important writers of the contemporary period. Prerequisite: Sp 31-32 or its equivalent. *3 semester hours*

Modern Languages Electives

ML 167-168 Selected French Novels in English Translation

A study of the French novel from the approach of French sociological conditions, historical period, French psychology and philosophical concepts as found in the works of master French novelists. An in-depth analysis of the novels of Balzac, Stendahl, Zola, Flaubert, George Sand, Proust, Gide, Mauriac, Sartre, Camus, Le Clézio, Simone de Beauvoir, and highlighting biographical insights stemming from these works. *6 semester hours*

ML 193 Introduction to Literary Analysis

An introduction to the basic techniques of literary analysis; study will be based on careful analysis of lyrics, dramatic, and narrative texts. Conducted in English, with texts in Spanish, French, or German. *3 semester hours*

Music

(See Fine Arts)

Department of

Philosophy

Professors: Grassi (*Chairman*), M. Grossman,
Long, L. Newton, Tong**Associate Professors:** Dykeman, Johnston,
Myers**Assistant Professors:** Cardoni, Carr, Coleman**Lecturer:** Spinello

Philosophy is a quest for truth, for ultimate values. The objective of our program, then, is to develop in the student a philosophic habit of mind by which he seeks to discover these values. We feel that the quest and the values are interdependent; the mind feeds on value, but values do not submit themselves except through critical evaluation of one's experience. Although there is no one prescribed methodology by which this critical attitude is developed, the emphasis in our program is placed on a blend of the thematic and the historical. Only in the light of their evolution and cultural context can values be thoroughly understood.

Philosophy is delimited and defined today by three major schools: analytic philosophy, existentialism and phenomenology, and speculative or traditional philosophy. Each tradition is represented in Fairfield University's philosophy program. This variety of perspectives gives a broad outlook to the student. The rigor of the program develops confidence and skill within the student.

To further these aims, the department publishes the *Fairfield Philosophy Journal*, each issue of which consists of student papers selected by a committee of the Department's faculty. In honor of the late Rev. J. Dennis Crowley, S.J., an award is presented annually for the best student essay. Also, the Department annually sponsors a series of lectures, and regularly hosts both national and international philosophy society conferences.

THE CORE PROGRAM IN PHILOSOPHY

It is the judgment of the Department that the best introduction to philosophy for the undergraduate is a study of the three major periods of Western thought — namely, the classical, the medieval, and the modern. Reflected here, moreover, is a division that is more than chronological; the three courses represent markedly different approaches to the philosophic enterprise, each of which demands detailed and careful treatment. An acquaintance with dominant themes of each of these periods is felt to be fundamental for advanced study in any field and for a liberal education in general. Such a program, finally, accords with the special identity of Fairfield University, its tradition and values.

Each student takes three semesters of philosophy. Ph 11 is required. Of the other two courses, one may be selected from a list of medieval options and the other from a list of modern philosophy options.

COURSE REQUIREMENTS FOR PHILOSOPHY MAJORS

1. The three core courses — ancient, medieval, modern-contemporary.
2. Two courses, each an intensive study of a major philosopher such as Plato, Aristotle, Augustine, Kant, Aquinas, Dewey, etc. In these courses, special emphasis will be placed on the use of primary sources.
3. A course considering the elements of traditional and modern logic.
4. Any other four courses.

Ph 11 Ancient Philosophy

This course is a study of ancient philosophers, notably Plato and Aristotle. It is intended to acquaint the student with the origin and nature of philosophy as it arises in the classical period; it considers such issues as appearance and reality, the philosopher and the city, law and justice, love, and virtue and the good. *3 semester hours*

Ph 12 Medieval Philosophy

This course is designed to introduce the student to the evolving thought of the Middle Ages as represented in the writings of such thinkers as Augustine, Boethius, Anselm, Bonaventure, Aquinas, and Ockham. Thematically the readings will focus on such perennial issues as the existence of God, the nature of man, the problem of evil, free will, and the relationship between faith and reason. The course aims to foster a better understanding of the student's Christian cultural heritage; as a part of the student's general introduction to philosophy, it serves as both a complement to the study of ancient philosophy and an introduction to modern and contemporary philosophy.

3 semester hours

Ph 13 Modern Philosophy

This course serves to introduce the student to the philosophy and methods of philosophers from the seventeenth century to the present through a study of the writings of such philosophers as Bacon, Descartes, Hume, Kant, Nietzsche, and James. The readings focus on issues in methodology, epistemology, metaphysics, and politics. The course attempts to synthesize the philosophical themes and topics of the other core courses and serves as the immediate introduction to contemporary philosophical problems.

3 semester hours

Ph 103 Logic

This course is designed to provide a basic acquaintance with prevailing systems and methods of logic, notably traditional (Aristotelian) and modern (standard mathematical) logics. *3 semester hours*

Ph 106 Twentieth Century Philosophy

This course presents a coherent picture of the main currents of contemporary philosophy in both the Western and the non-Western traditions: Phenomenology and Existentialism, Pragmatism and Analytic Philosophy, Marxism and Dialectic Materialism, Philosophy of History and Culture, to name only the more familiar ones. We shall inquire into the genesis and heritage of these movements and speculate on their philosophical-historical significance and destiny. *3 semester hours*

Ph 107 Aesthetics

A study of aesthetic experience and an examination of concepts like imitation, expression, and psychic distance; a consideration of the relationships among the various arts, and an exploration of the role of art in life. *3 semester hours*

Ph 115 Metaphysics

This course concerns itself with being as being and our knowledge of being; its aim is to develop in the student's mind an operative habit of viewing reality in its ultimate context. *3 semester hours*

Ph 118 History of Medieval Philosophy

The development of philosophical problems from the Patristic period through Spanish Scholasticism of the sixteenth century. *3 semester hours*

Ph 118.1 Late Medieval & Renaissance Philosophy

An examination of dominant philosophical themes in the writings of Duns Scotus, William of Ockham, Meister Eckhart, and in texts representative of Renaissance Platonism, Skepticism, and Mysticism. The thrust of the course will be to establish or refute the philosophic continuity of medieval and Renaissance thought. *3 semester hours*

Ph 119 Aquinas

A critical study of selected works from the two great *Summae* of Thomas Aquinas, with an emphasis on those themes that reflect his enduring contributions to the enterprise of philosophy. *3 semester hours*

Ph 120 Sir Francis Bacon

A study of Sir Francis Bacon's philosophy — a philosophy concerned in the main with nature and with the natural sciences as the chief human means of coming to grips with nature — and an inquiry as to how far modern science is a putting of Bacon's philosophy into operation. *3 semester hours*

Ph 121 The Pre-Socratic Philosophers

A study of the conceptions of philosophy and science to be found in the writings of the Milesians, Iliatic, Pythagorean, and Atomist schools of philosophy. *3 semester hours*

Ph 130 Sartre and Heidegger

A critical examination of Sartre's "Being and Nothingness" and Heidegger's "Sein and Zeit". Such existential notions as "freedom, bad faith, nothingness; facticity, etc." will be examined.

3 semester hours

Ph 131 Descartes

An investigation of major doctrines and themes of Cartesian thought and the dominant forms of Cartesian criticism.

3 semester hours

Ph 132 Nietzsche and Kierkegaard

The course concentrates on the major writings and central insights of the two thinkers. It attempts, also, to determine and evaluate their contributions to the development of contemporary Existentialism and to current radical thinking about God and morality.

3 semester hours

Ph 133 Introduction to Oriental Philosophy

A coherently developed account of the salient features of the two philosophical traditions of China and India as contrasted with each other and with the Western tradition.

3 semester hours

Ph 133.1 The Chinese Tradition: A Close Study of the Philosophy of History and Culture

This course is an interdisciplinary study of Chinese culture as a living tradition as well as a historical reality. Using philosophy as the guiding and unifying factor, it attempts to present a general picture of China's cultural heritage through the changing contexts of Chinese history.

3 semester hours

Ph 135 Leibnitz and Kant

A study of representative works of these two philosophers and their contribution toward an adequate grasp of nature and of man in the modern context.

3 semester hours

Ph 135.1 Kant

A critical examination of the writings of Kant, with special attention to his theory of knowledge and conclusions concerning metaphysics.

3 semester hours

Ph 136 Plato

This course will be concerned with central ontological and epistemological themes in selected early, middle, and late Platonic dialogues. Particular attention will be given to Plato's inclination to identify virtue with knowledge.

3 semester hours

Ph 137 Aristotle

An introduction to Aristotle through a selection of his works. An exploration of their relation to other works, their place in the scheme of the sciences, and a thorough investigation of their subject matter.

3 semester hours

Ph 138 Post-Aristotelian Philosophy

A study of the central teachings in the Stoic, Epicurean, and Skeptical schools of philosophical thought.

3 semester hours

Ph 139 Augustine

A critical examination of several of the more representative and influential works in Augustinian corpus, including *The Confessions*, *The City of God*, *On the Trinity* and *On Free Will*.

3 semester hours

Ph 139.1 Augustine and Camus

A critical examination of the philosophical writings on the two North African thinkers, with emphasis on common themes and development.

3 semester hours

Ph 140 The Free Will Issue

An investigation into the nature and development of the free will issue in the history of philosophy.

3 semester hours

Ph 141 The Ontological Argument

An analysis of Anselm's argument for the existence of God contained in the *Proslogion*, and an examination of the medieval, modern, and contemporary critiques thereof.

3 semester hours

Ph 143 Hume

A critical study of Hume's major essays with an emphasis on epistemology, ethics, and politics.

3 semester hours

Ph 146 Problems of Empiricism

An examination of some of the problems attendant upon the doctrine that the senses afford complete and final intelligence of natural reality.

3 semester hours

Ph 147 Scepticism

An examination of the major writings on Scepticism from Empiricus to the present day.

3 semester hours

Ph 148 Wittgenstein

A detailed study of Ludwig Wittgenstein's *Tractatus Logico-Philosophicus* and his *Philosophical Investigations* with a special concern for the connection between these two works.

3 semester hours

Ph 149 Marxism

An analysis of Marxism through the writing of the early and late Marx. Emphasis will be placed on freedom, man and the State. During the course we shall consider ideas from the underground, i.e., Soviet intellectual opposition.

3 semester hours

Ph 151 Philosophical Psychology

A philosophical study of human experience respecting both science and foundations. Due attentiveness is given to the "Psyche" in its locus, the "Body," and the world as locus of "Psyche" and "Body."

3 semester hours

Ph 156 Theories of Human Nature

This course will consider and compare the various responses to the question, "What is man?" Among the thinkers to be examined are Plato, Aquinas, Marx, Freud, Sartre, and Skinner.

3 semester hours

Ph 157 Modern Humanism

A study of the idea of the human person as developed in representative philosophers of classical antiquity, the Middle Ages, the Renaissance, the Modern, and the Post-Modern world.

3 semester hours

Ph 158 Comparative Philosophy and Culture: East and West

An examination of the relationship between philosophy and culture from the perspective of the historical destiny of mankind. A comparative study of the three great traditions of life and thought — namely, the Western, the Chinese, and the Indian — will be made through both the critical and historical approach.

3 semester hours

Ph 160 Contemporary Problems in Philosophy

An effort to bring the insights and methods of classical philosophy to bear on problems apparently peculiar to our age — drugs, the draft, pornography, ESP — to illustrate the perennial relevance of systematic investigation.

3 semester hours

Ph 161 Phenomenology

An introduction to the Phenomenological Movement, its origins and development. Special attention will be paid to selected texts of Husserl, Heidegger, and Merleau-Ponty.

3 semester hours

Ph 164 Philosophical Theories of Pleasure and Pain

The goal of this course is to acquaint the student with the great variety of philosophical attempts to make definitive statements about the roles of pleasure and pain in human experience. Readings will be drawn from the works of philosophical authors both ancient and modern, and as well from the works of certain modern short story writers.

3 semester hours

Ph 182 Bioethics

A study of ethical issues as they relate to clinical relationships, systematic human experimentation, and the development of biomedical technology.

3 semester hours

Ph 183 Ethical Theories

An examination of systems and methods of classical and contemporary moral philosophy with emphasis on the philosopher's notion of what a person is and what he ought to be or become.

3 semester hours

Ph 184 Medical Ethics

This course will involve a study of major philosophical and religious theories as they refer to medical-moral problems. *3 semester hours*

Ph 185 Philosophy of Literature

An examination of the philosophy "of" literature (the general nature of poetry and prose) and philosophy "in" literature (specific works that harbor philosophical ideas). *3 semester hours*

Ph 186 Philosophy of Science

An analysis and an inquiry into the principles, the methods, and the facts of sciences as they are presented in the works of past and contemporary philosophers and scientists. *3 semester hours*

Ph 187 Philosophy of Religion

An inquiry into the nature of religion in general from the philosophical point of view, i.e. an inquiry employing the tools of critical analysis and evaluation without a predisposition to defend or reject the claims of any particular religion. *3 semester hours*

Ph 188 Social and Political Philosophy

An analysis of the writings of leading social and political thinkers, with special consideration of the movements of protest and dissent. *3 semester hours*

Ph 188.1 Philosophy of the Social Sciences

A critical study of the foundation, origin, and experiential range of the social sciences; the dimensions of appropriate methodology and adequate theory, facts, and values; science and ideology are to be examined with respect to the concrete subject matter, namely, of history, psychology, sociology, political science, and economics. *3 semester hours*

Ph 189 Philosophy of Law

An examination of the major questions of legal philosophy, the nature of legal rights and legal duties, the definition of law, and the grounds of legal authority. *3 semester hours*

Ph 192 Existentialism

A comparative study of two of the main streams in contemporary philosophy with a view to their possible synthesis. The basic writings of Whitehead and Heidegger as representing respectively the organismic and the existential position will be critically examined and evaluated. The question of Being will be raised in relation to the meaning of life, civilization, and the world history of philosophy. *3 semester hours*

Ph 193 Philosophy of History

An investigation into the philosophical principles, historical methods, and their interrelations. *3 semester hours*

Ph 194 American Philosophy

The origin and development of the American philosophical tradition and its culmination in Pragmatism. The relation of philosophical ideas in America to literature, religion, and politics. Major emphasis is given to the writings of Jonathan Edwards, Ralph Waldo Emerson, Charles Sanders Peirce, William James, and John Dewey. *3 semester hours*

Ph 195 Nineteenth Century Philosophy

This course is a study of the representative philosophers of the nineteenth century — notably Kant, Fichte, Schelling, Hegel, Schleiermacher, Schopenhauer, Nietzsche, Kierkegaard, and Marx. *3 semester hours*

Ph 196 British Philosophy Since 1900

A consideration of the analytic tradition in Great Britain in its historical relations to other philosophies, ancient and modern. *3 semester hours*

Ph 197 Social and Business Ethics

An examination and analysis of the moral relations resulting from man's social nature. A study of problems in business ethics: relation between employee and company, advertising, pricing, competition, unions, ecology/energy, relation between business and the social order. *3 semester hours*

Department of
Physics

Professors: Hadjimichael, McElaney, Zabinski
Associate Professors: Khadjavi, Meli,
 Newton (*Chairman*)

The science of physics is concerned principally with matter and energy, the nature of each, and their interactions. It is the fundamental science for most branches of engineering and has innumerable applications in medicine, industry, and everyday life. The objectives of the Department of Physics are: 1) to impart knowledge of the general principles of physical science and to show applications to human problems; 2) to train the student in logical and accurate methods of observation, measurement, and analysis; 3) to provide adequate training in the fundamentals of physics as a basis for medical, engineering, and other courses of study; 4) to encourage those students with exceptional aptitude to pursue graduate work in physics.

In addition to the general program, the Department of Physics offers a concentration in biophysics and health physics.

There is a laboratory in the appropriate matter of each of the four years carrying 1 semester hour of credit each semester.

Bachelor of Science

(*Major in Physics*)

	Semester Hours	
	<i>Fall</i>	<i>Spring</i>
Freshman Year		
Physics (Ps 15-16)	3	3
Physics Laboratory	1	1
Mathematics (Ma 17-18)	4	4
English (En 11-12)	3	3
Philosophy - Religious Studies	3	3
Foreign Language	3	3

Sophomore Year

Physics (four courses)	8	8
Mathematics (Ma 23-24)	3	3
English-Philosophy	3	3
Social Studies Elective	3	3

Junior Year

Physics	4	4
Chemistry	4	4
Mathematics	3	3
Philosophy - Religious Studies	3	3
Elective	3	3

Senior Year

Physics	8	8
History (Hi 15-16)	3	3
Fine Arts-Elective	3	3
Electives	3	3

**CONCENTRATION IN BIOPHYSICS
OR HEALTH PHYSICS**

	Semester Hours	
	<i>Fall</i>	<i>Spring</i>
Freshman Year		
Physics (Ps 15-16)	4	4
Biology (Bi 11-12)	4	4
Mathematics (Ma 17-18)	4	4
English (En 11-12)	3	3
Foreign Language	3	3
Sophomore Year		
Physics (Ps 126-171)	4	4
Chemistry (Ch 15-16)	4	4
Mathematics (Ma 23-24)	3	3
English-Philosophy	3	3
Social Studies Electives	3	3

Junior Year

Physics-Biomedical Instrumentation	3	2
Chemistry (Ch 111-112)	5	5
Mathematics-Elective	3	3
Philosophy	3	3
Religious Studies	3	3

Senior Year

Physics	3	3
History (Hi 15-16)	3	3
Fine Arts-Elective	3	3
Electives	6	6

Ps 15 General College Physics I

Mechanics and heat for students whose field of concentration will be physics, mathematics or chemistry. An introductory course. Rigorous mathematical derivations are used freely, but the methods of calculus are indicated only occasionally. A study of velocity and acceleration, Newton's Laws of Motion, work, energy, power, momentum, torque, vibratory motion, elastic properties of solids, fluids at rest and in motion, properties of gases; measurement and transfer of heat, elementary thermodynamics.

3 semester hours

Ps 16 General College Physics II

Electricity, lights, and sound. A continuation of Physics 15. A study of magnetism and electronics, simple electric circuits, electrical instruments, generators and motors, the principles of the vacuum tube, characteristics of wave motion, light and illumination, reflection, refraction, interference, and polarization of light, color, and the spectrum; production and detection of sound waves.

3 semester hours

Ps 71 Light, Color and Photography

The role of light in human culture, art, religion, and science; light rays and light waves; optical phenomena in nature; simple optical instruments such as a camera; recording of optical images: photography, holography, and video tape; photographic darkroom procedures and techniques; sources of light and their spectra; polarization of light; color perception and laws of color combination.

3 semester hours

Ps 73 Man and Technology

Major concepts of modern information science are considered with emphasis on the man-technology interaction. These concepts include modeling and decision-making in such areas as energy, population, pollution, transportation, and computers.

3 semester hours

Ps 76 Physics of Sound and Music

The physical principles in the production of sound are examined with emphasis on sound produced by musical instruments. This includes the nature of wave motion as produced by vibrating strings and organ pipes, as well as harmonic content, musical scales and intervals, and the mechanism of the hearing process. Applications are made to the construction and characteristics of musical instruments, and to the design of auditoriums and concert halls.

3 semester hours

Ps 78 Cosmology: The Nature of the Universe

Geocentric and heliocentric models of the universe from the ancient Greeks to Newton, the life cycle of stars, evidence for an expanding universe, modern concepts of space, black holes, evolutionary and steady state theories of the universe.

3 semester hours

Ps 83 General College Physics for the Life and Health Science I

Mechanics, heat and thermodynamics, wave motion and sound. The fundamentals of each area are treated rigorously, using calculus throughout. A study of velocity and acceleration, Newton's laws of motion, work, energy, power, momentum, torque, vibratory motion, and elastic properties of solids; properties of gases, transfer of heat, and elementary thermodynamics. 3 lectures, 1 laboratory period.

4 semester hours

Ps 84 General College Physics for the Life and Health Sciences II

A continuation of Ps 83. Light, electricity and Magnetism — a study of the nature of light, reflection, refraction, diffraction, and polarization; electrostatics, DC circuits, magnetic forces, electromagnetic induction, AC circuits, electrical instruments, generators and motors. 3 lectures, 1 laboratory period.

4 semester hours

Ps 85 Introduction to Astronomy I

This course is intended primarily for the student who is not majoring in the physical sciences. In addition to the elements of modern astronomy, the course will discuss scientific methods and the philosophy of science. Topics to be discussed include: an historical introduction, celestial coordinates, telescopes, the sun, moon, planets, comets and meteors.

3 semester hours

Ps 86 Introduction to Astronomy II

Continuation of Physics 85. Topics to be emphasized: stellar spectra, binary stars, galactic structure, star clusters, stellar populations, stellar evolution, and cosmological models.

3 semester hours

Ps 91-92 History and the Cultural and Social Impact of Science

The objectives of this course are (a) to trace the historical development of science and induce an appreciation of universal natural laws, (b) to investigate the scientific influence on the development of culture and society, (c) to take a critical view of the culture and social institutions of today and examine to what extent science is responsible for their ills or virtues, and (d) to determine if it is possible that a concerted action on the part of the scientific enterprise can truly improve "man's estate." The first part of the course focuses on culture, the second part deals with social institutions.

6 semester hours

Ps 93 Energy and Environment

The complex issues relating to the production of energy and its interaction with the environment are examined in the light of the historical factors which have influenced our use of energy and the contemporary problems which the limits of our resources have imposed. Alternatives to energy resources are studied, including nuclear fission, nuclear fusion, and solar energy, as well as other possible alternatives.

3 semester hours

Ps 95 Meteorology

The course introduces the science of meteorology to the student who has little formal training in physics and mathematics. It includes a study of the composition and structure of the earth's atmosphere; the scientific instruments which measure atmospheric changes; and the forces which produce winds and storms. Applications are made to weather forecasting, to the economic impact of weather, and to the modification of weather and climate.

3 semester hours

Ps 111 Fundamentals of Electronics

General principles of direct and alternating current circuits; semiconductor and vacuum tube devices; operation, characteristics and equivalent circuits for transistors and tubes; operational amplifier circuit principles and use of these amplifiers for signal processing; integrated circuits; statistics and random noise in electronics.

3 semester hours

Ps 120-121 Computers in Contemporary Society

The course provides a general introduction to computers for the nonscience major. Topics covered include computer programming (APL), history of computers, hardware and software, data processing, simulation and the social complications of computers.

6 semester hours

Ps 122 Geometrical and Physical Optics

The nature and propagation of light, the laws of reflection and refraction, refraction and reflection at spherical surfaces, lenses and lens aberrations, optical instruments, interference, diffraction, resolving power, polarization, line spectra, thermal radiation, photometry and color.

3 semester hours

Ps 123 Electronics for Non-Science Majors

The role of electronics and electronic communication in modern society; atomic structure of matter and the electric charge; voltage and current of electricity; electronic schematic circuit diagrams; magnetic effects of electric current; electronic waves and their interaction; solid-state and vacuum tube devices; the concept of modulation as applied to wireless communication; sound recording and reproduction; recording and broadcasting images.

3 semester hours

Ps 126 Theoretical Mechanics I

Fundamental ideas of classical mechanics; elementary dynamics; gravitational forces and potentials; free and forced harmonic oscillations; central fields and the motions of planets and satellites.

3 semester hours

Ps 127 Theoretical Mechanics II

Rigid body dynamics; systems of particles; rotational motion; Hamilton's principle and Lagrange's equations; tensor algebra and initial tensors; small oscillations; normal modes.

3 semester hours

Ps 130 Biophysics

The physics and biology of muscular contraction, hearing, vision, the circulatory system, and the nervous system. The physics and chemistry of atoms, molecules, energy conversion processes, and ionizing radiation with applications to living systems. Prerequisites: Bio 11-12 or 83-84, Ch 11-12, or 15-16 or 83-84.

3 semester hours

Ps 141 Thermodynamics

Temperature scales and thermodynamic systems; Carnot cycle; absolute temperature; entropy. The laws of thermodynamics; chemical, electric, and magnetic systems; kinetic theory of ideal gases; distribution of molecular velocities; the Maxwell-Boltzmann statistics; applications of the Boltzmann statistics; quantum statistics.

3 semester hours

Ps 171 Electricity and Magnetism I

The laws of electrostatics and concepts of field intensity and potential; the derivation of Gauss' law and its application; dipoles, condensers, and the energy of charged systems. Laplace's equation; magnetostatics and magnetic instrument. Vector operation; Ampere's law; galvanometers. Alternating currents and electromagnetic induction; inductively coupled circuits. *3 semester hours*

Ps 172 Electricity and Magnetism II

Electric and magnetic fields in matter, solutions to Laplace's equation and the boundary value problem; multiple expansion of fields and potentials; Maxwell's equation and electromagnetic radiation; polarization; relativistic transformation of fields; electrical conduction in gases and plasmas. *3 semester hours*

Ps 185 Atomic Physics

Fundamentals of atomic and molecular structure; photoelectric effect; special relativity; black body radiation, Bohr Theory; optical spectra; Compton Effect and x-rays; introduction to quantum mechanics. *4 semester hours*

Ps 186 Nuclear Physics

Fundamentals of nuclear structure; alpha and gamma emission; beta decay; nuclear masses and spins; particle accelerators and detection devices; nuclear fission and fusion. *3 semester hours*

Ps 188 Quantum Mechanics

This course is to introduce the student to the physical concepts and mathematical formulations of nonrelativistic quantum mechanics. Topics to be discussed will include: the Schrodinger wave equation, Fourier techniques and expectation values, operator formalism, angular momentum, central forces, matrix representations, and approximation methods. Prerequisites: classical mechanics, atomic physics, advanced calculus, and differential equations. *4 semester hours*

Ps 191-192 Physics Seminar

Designed for those students who intend to do graduate work in physics, the seminar provides an opportunity for intensive investigation of selected topics at an advanced mathematical level. Participation in and credit for the seminar will be allowed only to those students selected by the faculty with the consent of the Dean.

**Department of
Politics**

Professor: Donnarumma

Associate Professors: Dew (*Chairman*) Katz

Assistant Professors: Cassidy, Greenberg,
Orman

The Department of Politics has attempted to develop a balanced and diversified curriculum which covers the major subfields of the discipline. While very much aware of the perennial questions of government and society which puzzled political philosophers such as Aristotle and Plato, the Department is concerned that its students develop the necessary skills to be able to study the contemporary world more scientifically. Therefore, while it is designed to provide for a broad liberal education, the politics curriculum is also compatible with a large number of career orientations, especially law, government, teaching, foreign service, and allied professions.

A major in politics shall constitute 30 credits: 3 at the lower division level and 27 at the upper division level. Each student must take two courses in each of the following fields in order to fulfill the requirements of the major: American government and politics, political theory/methodology, and comparative politics/international relations.

Po 11 Introduction to American Politics

An examination of the American political system and the American political culture; consideration of the major political institutions in relation to policy perspectives; an examination of the ability of the political system to deal with societal problems; proposals for reform of the political system will be analyzed. *3 semester hours*

Po 107 American Law and Social Responsibility

A study of the foundations of modern jurisprudence, dealing with the theories and systems of law; the forms and methods of trials, and law in the modern world and societal response.

3 semester hours

Po 108 State Politics

A study of state constitutions and powers; branches of the political edifice and the attendant bureaucracy including its dynamism. The problems of finances and budget are considered with some concern of the effect upon country and local government. Law enforcement and other selected problems and functions are included

3 semester hours

Po 111 Western Political Thought I

Political theory from Plato to Locke. Plato, Aristotle, and the Epicureans. The Stoics and the law of nature. Early Christian political ideas: Ambrose; Augustine, and Gregory. The Roman lawyers. Church and state in the feudal regime; Aquinas and Dante. The conciliar theory, Machiavelli and the Reformers. English political theory in the seventeenth century: Hooker, Coke, and Hobbes.

3 semester hours

Po 112 Western Political Thought II

Political theory from Locke to the present. Locke and the "Glorious Revolution." French political thought and the Revolution: Montesquieu, Voltaire, and Rousseau. Hume and his destruction of the natural law; Burke and tradition; Hegel and his dialectic; liberalism; Mill and a modernized liberalism; Marx and dialectical materialism; Modern communism, fascism, and socialism.

3 semester hours

Po 116 Utopian Politics

The attempt to discover a true relationship between authentic man and government, between personal fulfillment and political life. Students are encouraged to become aware of their own values and the wider social implications of these values. Accordingly, students design their own work and a substantial number of class meetings are spent in small group discussion. Lectures, while given regularly, are less frequent than these discussions. The course begins with a critique of American values from a utopian perspective. Alternatives are then considered from the ideas of Rousseau, the Anarchists, the American counterculture, contemporary China, and Christian radicalism including pacifism.

3 semester hours

Po 118 American Political Thought

To be considered are the philosophical roots of American political thought and the influence of the American revolutionaries, constitution-makers. Federalists, Jeffersonians, Jacksonians, Tocqueville, Civil War-makers, examiners of the welfare state pragmatists, and new frontiersmen on the contemporary American mind and institutions. Challenges and reform of the American political system will also be treated within the scope of political science through an application of the concepts of human nature, idealism, constitutional power, and nationalism.

3 semester hours

Po 120 European Politics

An analysis of the political institutions and dynamics of Great Britain, France, West Germany, and Italy. The relationship between the political culture and the political system will be emphasized. Alternate methods of dealing with societal problems will be analyzed.

3 semester hours

Po 123 Modern Political Ideologies

An examination of the prevailing political belief systems in the modern world. Contemporary theories of democracy will be analyzed with special reference to the question of democracy's ability to deal with the problems of American society. Marxism will be explored in terms of the political and economic ideas of Marx and Engels as well as the modifications made in their system by Lenin and Mao Tse-tung. The basic concepts of fascism will be discussed and an analysis will be made of the meaning of totalitarianism.

3 semester hours

Po 131-132 Survey of English Legal and Constitutional Development

Origins and foundations of English jurisprudence and of English common law as to nature and function through different historical eras; evolution of substantive and procedural laws in property, contract, criminal, civil, administrative, equity, statutory, and constitutional fields; organizations of a judicial system and its personnel. Taught alternate years.

6 semester hours

Po 141 Africa and the Middle East

Oil, Islam, and Israel constitute a volatile mix in the Middle East. So does the combination of tribal and urbanized Blacks, coloreds, Indians, and white supremacists in South Africa. In Black Africa, things are quieter but no more settled: tribal warfare, military coups, grating poverty, and dictatorial brutality spot the continent. This course will survey each of these three worlds of turmoil.

3 semester hours

Po 142 Latin American Politics

U.S. interference and exploitation competes with domestic tyranny and corruption in wracking the land of Aztecs, Mayas, and Incas. This course studies the plight of peasants, slum-dwellers, and reformers in Mexico, Guatemala, Venezuela, Brazil, Peru, Chile, and Argentina.

3 semester hours

Po 143 Caribbean Politics

Racism, colonialism, and poverty afflict the paradise islands of this region, producing dramatic revolutions, Black Power movements, and U.S. interference. Countries studied: Cuba, Puerto Rico, the Dominican Republic, Haiti, Jamaica, Trinidad, Guyana, and Surinam.

3 semester hours

Po 145 The Major Powers of Asia

An analysis of the institutions and dynamics of China, Japan, and India. The relationship between the political culture and the political system will be emphasized; the different paths towards modernization taken by each will be analyzed; foreign policies of each of the nations will be discussed.

3 semester hours

Po 146 Seminar on China

An examination of the major problems of contemporary Chinese society with a particular emphasis on political socialization and the Chinese political culture and the role(s) of such groups as students, peasants, women, etc. The seminar will attempt to focus on these problems through an analysis of political philosophy, short stories, novels, plays, and biographies, both by Chinese writers and Western scholars and observers.

3 semester hours

Po 147 International Relations

The experience of conflict and cooperation among the nations of the modern world is viewed in terms of the principles of *realpolitik*, morality, international law, and international organization. Special attention is given to the arms race and other contemporary issues. The class will simulate possible future conflicts.

3 semester hours

Po 148 United States Foreign Policy

Review of the Cold War from orthodox and revisionist perspectives. Vietnam. Discussion of various factors in the struggle to control foreign policy. Problems of nuclear strategy, trade, aid, espionage, etc. Major contemporary policies and commitments will be debated by class.

3 semester hours

Po 149 Seminar on Russia

Survey of Russian political, economic, and social developments under communism. Special attention will be given to the writings (fiction and non-fiction) of the Russian dissidents. Russian foreign policy will be examined.

3 semester hours

Po 150 Urban Politics

Structures and processes of urban politics will be examined. The major participants and policy areas of urban political processes will be considered. The evolution of urban areas will be set in historical perspective. Major contemporary problems will be discussed and alternative solutions will be analyzed.

3 semester hours

Po 151 Urban Politics Seminar

The seminar gives the student an opportunity to explore in depth areas directly or indirectly related to the governance of American cities and to the quality of life in urban areas. Topics to be examined change from year to year depending upon interest and importance. The prerequisite for the seminar is an introductory urban politics or urban sociology course. Taught alternate years.

3 semester hours

Po 155 Public Administration

The course will focus on the role of the bureaucracy within the political process. The problems of efficiency and accountability will be examined. The classic models of bureaucratic organization and function will be studied in juxtaposition to the reality of bureaucratic operation. Proposed reforms will be analyzed in order to determine the viability of change.

3 semester hours

Po 161 The American Presidency

A study of the role of the President in the political system. The origins, qualifications and limitations of office will be considered as the President functions as chief executive, legislative leader, and link with the Courts. The obtaining of presidential powers, his roles as party leader and politician are also examined as a means of evaluating presidential achievement of domestic and foreign policy goals. Questions of reform are also reviewed.

3 semester hours

Po 162 United States Congress

A study of Congress within the context of the political system and an analysis of its constitutional powers; historical development; processes of recruitment; formal organization; committee system; social make-up; folkways; political leaders; constituency and interest group influences as well as consideration of its domestic and foreign policy outputs. Chances for reform and evolution will be considered.

3 semester hours

Po 163 The Supreme Court

The course examines the politics of the Supreme Court. The relationship between the Court and the remainder of the American political system as well as the internal dynamics of the Court will be discussed. Finally, the political significance of important Court decisions in selected topic areas will be analyzed and discussed.

3 semester hours

Po 164 American Political Campaign Techniques

The nature and function of politics; successful party organization; political issues, old and new; making of the candidate; the campaign staff, its personnel and philosophy; role of the media; organization of the electorate; the actual campaign; the election and the follow-up critique. Taught alternate years.

3 semester hours

Po 165 Popular Control of American Government

This course will examine various linkage models that describe representation of citizens by leaders. Moreover, the course will examine political parties, interest groups, and public opinion in terms of their contributions to popular control of American politics. What mechanisms do citizens have to gain compliance for their policy preferences? How responsive are decision-makers in the American system to citizens' demands? These questions and others will be considered in the course.

3 semester hours

Po 166 Private Power and Public Policy

An examination of some of the major policy problems facing American society today: poverty, pollution, the medical care system, and the military-industrial complex. The causes of these problems will be discussed particularly in terms of the influence of private economic power and especially large corporations. Finally, an analysis will be made of the policies formulated by the federal government in response to these questions.

3 semester hours

Po 168 Politics and Mass Popular Culture

This course will survey the political aspects of American popular culture by examining the relationships between sports and politics, the politics of rock music, and political humor and political satire of American politics. Mass popular culture often serves as regime-maintaining diversions. What values and political positions do organized sports in the U.S. convey? What is the political impact of American popular music? How have citizens used political humor and satire of American politics to develop an outlook toward government? These questions and others will be explored in the course.

3 semester hours

Po 190 Congressional Intern Honors Program**Po 191 Executive Intern Honors Program****Po 195 Political Socialization**

An examination of the origins and developmental aspects of political beliefs, attitudes, and ideologies. The course will focus on both the theories and processes of political learning and how orientations acquired during the life cycle vary under different cultural conditions. Special emphasis will be given to assessing the influence of socializing agencies such as the family, schools, peers, and mass media on political learning and the effect of the socialization process on the stability of the political system.

3 semester hours

Po 197 Washington Semester: Selected Topics**Po 198 Senior Independent Research**

Seniors may do independent work in one of three areas: (1) library research on a selected topic; (2) field research; or (3) directed reading on a selected topic. Each student involved in such a course will work under the direction of one of the members of the department. Taught both fall and spring semesters.

3 semester hours

Po 199 Political Internship

Selected seniors will work in state (spring semester) or local (fall semester) governmental agencies two full days/week for a semester. Students will gain firsthand knowledge of governmental problems and will be able to relate relevant course work to these problem areas. Each student will write a research paper and his/her experiences in the internship as related to a specific subject area.

3 semester hours

Department of

Psychology**Professors:** Boitano, Braginsky (*Chairman*),
McGrath, Salafia**Associate Professors:** Gardner, McCarthy**Assistant Professors:** Smith, Worden

The Department of Psychology has set as its major objective the education of students who desire a quality and basic scientific undergraduate program in psychology. Such a program, along with the careful selection of other courses, prepares students for graduate study in psychology, neurosciences, education, medicine, law, social work, business, etc., or for entry immediately after college into a career in government or industry. In addition, one of the objectives of the Department is the presentation of significant background courses in many areas of psychology for non-majors.

Depending on their orientation, students may choose either the B.A. or B.S. degree in psychology. For the B.A., required courses include Psy 11-12, Psy 100 or 103, Bi 83-84, and Ma 13-14. A student planning graduate study in Psychology must also take Psy 104 and two advanced labs, at least one of which must be an experimental lab (Psy 166, 171 or 181). For the B.S. degree, requirements include Psy 11-12, Psy 103-104, Bi 11-12 or 83-84, Ma 13-14, Ch 11-12, Ps 83-84, and at least two advanced labs in psychology.

Required courses for the major in psychology are General Psychology and Statistics. Additionally, there is a core of highly recommended courses which include: (1) Abnormal Psychology, (2) Human Development, (3) Learning and Memory, (4) Perception and Cognition, (5) Physiological Psychology, (6) Social Psychology, and (7) Theories of Personality.

Psy 11-12 General Psychology I & II

This full-year course is designed to introduce the student to the broad field of psychology and its scientific base. One semester will cover an orientation to psychology in the areas of sensation, perception, memory, learning, and motivation. The other semester will be an introduction to the clinical and social areas of psychology.

*6 semester hours***Psy 15 Basic Psychology**

A one-semester course designed to acquaint the student with some fundamentals of psychology. This is accomplished through a survey of selected topics, such as perception, learning, intelligence, motivation, social processes, personality, and abnormal behavior.

*3 semester hours***Psy 100 Fundamentals of Psychological Statistics**

A one-semester course designed to acquaint the student with the rudiments of common statistical concepts used in psychology. It covers such topics as measures of central tendency, variability, correlation, regression, probability, graphic representation of data, and selected topics from inferential statistics.

*3 semester hours***Psy 103 Statistics for the Life Sciences I: Basic Statistics**

This is an introductory course in statistical methodology and analysis as applied to modern psychology. It includes descriptive statistics, such as frequency distributions, central tendency, variability, and correlation, as well as an introduction to probability, sampling theory, and tests of significance. Although this course may stand alone as an introduction to statistics, it is assumed that most students will continue into Research Design (Psy 104). This course is open to majors in the behavioral, biological, and physical sciences.

*3 semester hours***Psy 104 Statistics for the Life Sciences II: Research Design**

This is an advanced course in inferential statistics. Its purpose is to extend the students' abilities in the design and analysis of research projects through a consideration of hypotheses, theories, measurement, control, and the logical bases of experimental inference. Advanced statistical methods, such as analysis of variance, analysis of covariance, and non-parametric procedures are presented.

3 semester hours

Psy 112 Psychological Testing

This course gives the student an overview of test theory and use. Attention focuses upon benchmarks to be observed in test construction, use, and evaluation. Problems of reliability and validity are considered with respect to tests of maximum performance and measures of typical performance. *3 semester hours*

Psy 121 History and Systems Psychology

The aim of this course is to provide the student with an overview of the significant influences leading to the development of psychology. The emphasis will be upon specific individuals and the nature of their contributions. The course will cover: the empiricist-associationist tradition, physiological influences, early experimental psychology, the founding of the first psychology laboratory by Wundt, Wundt's contemporaries, and the various schools of psychology; viz., structuralism, functionalism, behaviorism, Gestalt psychology, and the psychoanalytic movement. *3 semester hours*

Psy 132 Industrial Psychology

The course presents a consideration of the world of work from a psychological viewpoint. Topics considered are organizational psychology, screening, development, appraisal, job satisfaction, and morale. Research methodology is emphasized. *3 semester hours*

Psy 148 Social Psychology

This course surveys the major areas of concern in social psychology. The emphasis is on current issues and research in the fields of social influence and conformity, human aggression, prejudice, interpersonal attraction, propaganda, and persuasion. *3 semester hours*

Psy 149 Advanced Lab - Social Psychology

This course is designed for students interested in conducting research projects in the area of social psychology. Seminars will be devoted to planning research strategy and design, as well as the issues and problems that arise while conducting the study, analyzing and interpreting the data. Students will plan, execute, and report several experiments. Prerequisites: Psy 11-12; Psy 103-104; Psy 148. *4 semester hours*

Psy 151 Abnormal Psychology

This course introduces the student to the field of abnormal behavior. The classic behavior patterns in the classification system are presented and the possible causes and remediation of such are discussed. *3 semester hours*

Psy 155 Behavior Modification

This course is intended to complement the study of the psychology of learning by a careful analysis of the principles of counter conditioning (i.e. Wolpian non-operant conditioning) and operant conditioning. The focus will be not only on current methodologies used for individual and group behavior therapy, but also the research evidence for each methodology. Prerequisites: Psy 11-12; Psy 165 and/or 180. *3 semester hours*

Psy 161 Physiological Psychology — Independent Study

A one-semester introduction to brain-behavior relationships, emphasizing the rudiments of neurophysiology, neuroanatomy, and neuropsychology. The latter includes the neural bases of aggression, sleep, sex, food and water consumption, fear, learning and memory. It is a Personalized System of Instruction (PSI) course in which the student's progress is measured by self-paced unit-mastery tests. *3 semester hours*

Psy 163 Human Development

A development psychology approach to the growth of the individual from birth to old age, tracing motor, perceptual, language, cognitive, and emotional growth. The emphasis will be on normal development. *3 semester hours*

Psy 164 Development Psychology of the Adult Years

Within the framework of a life-cycle approach to human development, this course will focus on the major tasks of adult life. Building upon this systematic approach, the course will attempt to bring an interdisciplinary perspective to adult development by emphasizing the interaction of psychological, social, and physiological aspects. In addition to a treatment of the major themes of early and middle adulthood, a significant treatment of the psychology of the aging person will be included, highlighting behavior and adaptation in later life. *3 semester hours*

Psy 165 Learning and Memory

The purpose of this course is to present the student with a basic understanding of the definitions, principles, problems, and mechanisms of learning and memory. About two thirds of the course consists of an introduction to and critical analysis of the major learning theories of Thorndike, Pavlov, Watson, Guthrie, Hull, Tolman, and Skinner. The remaining one third of the course is dedicated to synthesis through a consideration of the contemporary scene in learning theory. Throughout, the course is oriented toward consideration of the major phenomena of learning, including acquisition, generalization, discrimination, inhibition, extinction, reinforcement, transfer, and the retention and retrieval of information. Prerequisite: Psy 11-12. *3 semester hours*

Psy 166 Advanced Lab - Learning and Memory

This course allows the student to become familiar with basic methods and procedures for the conduct of research in learning and memory. Although the specific experiments change from year to year, the general orientation is toward research methods and procedures for the study of classical and operant conditioning, inhibition, avoidance learning, neural mechanisms of memory, etc. The course concludes with a written and oral presentation of an original research design. Prerequisites: Psy 11-12; Psy 103-104; Psy 165. *4 semester hours*

Psy 171 Advanced Lab - Physiological Psychology

Essentially a technique-oriented course designed to give those students who are planning careers in neuropsychology training in the basic rudiments of small animal brain surgery. These include aspirated lesions, stereotaxic procedures, electrical brain stimulation and electrical recording, perfusion and brain extraction, histological techniques, and behavioral measurement. A written mini-neuropsychology report is required in addition to the design of an original experiment. Prerequisites: Psy 11-12; Psy 100 or 103; Psy 161. *4 semester hours*

Psy 172 Advanced Lab - Human Development

This course is designed for students interested in conducting research projects in the area of human development. Seminars will be devoted to research design and procedures, as well as discussions of problems encountered in gathering, analyzing and interpreting data for the studies. Each student will be required to design a study and collect at least pilot data. Prerequisites: Psy 11-12; Psy 103-104; Psy 163. *4 semester hours*

Psy 180 Perception and Cognition

This course considers sensory processes, perception and cognition as aspects of human information processing. The nature of perceiving, its neuropsychological substrates, and its development in the individual will be discussed, with emphasis on human experimental data. Human memory, thought, and language will also be considered. *3 semester hours*

Psy 181 Advanced Lab - Perception and Cognition

Students will plan, conduct, and write in journal format several experiments dealing with any of a variety of perceptual and cognitive phenomena. Emphasis will be on research design, control of relevant variables, and concise scientific writing. Prerequisites: Psy 11-12; Psy 103-104; Psy 180. *4 semester hours*

Psy 182 Introduction to Clinical Psychology

This course surveys the many concerns of the expanding field of clinical psychology, examining its more traditional as well as emergent interests, from a broad conceptual and historical perspective. The many competing concepts and techniques of intervention are studied, including the psychodynamic, behavioral, humanistic-existential, and community psychological frameworks. Prerequisites: Psy 11-12; Psy 151. *3 semester hours*

Psy 184 Theories of Personality

The content of the course will be an advanced presentation, analysis, and evaluation of theories of personality from Freud through Skinner. The purpose of such a course is not only one of theoretical enrichment and history, but is intended to broaden the student's understanding of the normal human personality in terms of theoretical structure, function and dynamics.

3 semester hours

Psy 185 Advanced Lab - Clinical Psychology

The lab will wed theory and practice by requiring participation in quasi-experimental research project in a selected clinical setting. The goal of the lab is two-fold: direct exposure to a clinical setting and the elaboration of an original group research study under the careful supervision of the professor. Admission to this lab is restricted to those with the approval of the professor. Prerequisites: Psy 11-12; Psy 103-104; Psy 151. *4 semester hours*

Psy 186 Group Dynamics

This course is designed to give the student a basic knowledge of the most important theories and research on groups. There is an attempt to combine sociological and psychological perspectives in order to give a more integrated picture of the way groups function. It will also be possible for students to make use of experiential as well as classroom methods of learning. Prerequisites: Psy 151; Psy 163. *3 semester hours*

Psy 187 Organization Psychology

The course focuses on a socio-psychological approach to issues in the community, i.e. mental health, crime, education. It covers the history and current developments in community mental health as well as theories of group and organizational dynamics, as they relate to community mental health consultation. *3 semester hours*

Psy 188 Advanced Lab — Psychology of the Family

The lab will focus on the family and its interactions with the community. Family systems theory and research will be presented for discussion. Course requirements include designing a research project and conducting a pilot study. Prerequisites: Psy 11-12; Psy 103-104. *4 semester hours*

Psy 190 Drugs and Behavior

A survey course discussing the psychopharmacological properties of the more significant drugs used for research and by society, in general. These include by class, alcohol and nicotine, the depressants and stimulants, the tranquilizers, the opium derivatives, and the halucinogenic compounds. Particular emphasis will be placed on the drugs' site of action in CNS as well as behavioral alteration in the controlled and non-controlled environment. *3 semester hours*

Psy 193 Environmental Psychology

The course is designed to explore the relationships between the psychological aspects of man and the environment in which he lives. Students will be involved in selecting, designing, and conducting a class research project in the realm of environmental psychology. Class material will consist of trying to assess the relevant parameters of the environment in addition to its effect upon man. *3 semester hours*

Psy 195 Internship in Applied Psychology

The intern program is designed to provide the senior psychology student with practical experience in a field setting. The student will gain a wide exposure to the particular system in which he/she works which can be useful in making a career decision within the broad range of helping professions. Since helping is an art, it is learned by doing. This experience will attempt to integrate the cognitive and the experiential. The internship will require between 10-15 hours of on-site work per week. Prerequisite: Permission of Program Director. *4 semester hours*

Psy 196A Honors Seminar in Clinical Psychology

This seminar, intended for highly motivated students, will provide participants an opportunity to study in depth some topics of interest in both the scientific and professional aspects of clinical psychology. Students will be required to prepare and present papers in both areas of the field. A significant amount of independent reading is expected, according to the interests of participants. Prerequisite: Permission of Instructor. *3 semester hours*

Psy 196B Honors Seminar in Experimental Psychology

This seminar provides the student with an opportunity to explore in depth topics of importance in psychology today. Students will read extensively and deliver comprehensive oral reports on topics which they have selected with the guidance of the professor. (Previous selections have included such diverse issues as bilingualism, parapsychology, retardation, hypnosis, and psychosurgery.) Individually-tailored instruction will be provided in skimming articles for information, organizing material, and presenting it effectively. Prerequisites: Psy 11-12; Psy 161 or 165 or 180. *3 semester hours*

Psy 196C Honors Seminar in Social Psychology

This course provides advanced students with the opportunity to be involved in research at a professional level. It will be open to a small number of students with the permission of the instructor. Independent readings and research work will be stressed with periodic seminar discussions. Prerequisite: Psy 148. *3 semester hours*

Psy 198 Independent Study

This course provides a limited number of upper division students (usually seniors) the opportunity to participate in all aspects of an advanced research project. Students wishing to register for this course must first obtain the consent of the professor with whom they will work. Frequently a research proposal will be required prior to acceptance into this course, and early planning is essential. *4 semester hours*

Psy 199 Theories in Psychotherapy

The course will explore similarities and differences across a wide range of psychotherapeutic endeavors by means of lectures, films, and tapes. Traditional psychoanalytic techniques and more recent innovations in behavior therapy, existential therapy, transactional analysis, and Gestalt therapy will be covered. Prerequisites: Psy 151; Psy 163. *3 semester hours*

Department of**Religious Studies**

Professor: M. Lang**Associate Professors:** Burns (*Chairman*),
Caffrey, O'Callaghan**Assistant Professors:** Benney, Brackett,
Humphrey, Thiel

The curriculum in religious studies provides in an academic context the critical methodologies by which the light of intelligence is focused upon what man has thought about God, faith, religious experience, etc., in order to impart to the student an appreciation of what religion has meant and continues to mean to mankind. The student, with or without a personal faith-commitment, has the opportunity to acquire an inner sympathy with what believing man has valued most highly.

The courses offered in the Department of Religious Studies correspond to the educational development of students in three ways:

- 1) for the student of liberal arts who wishes to expand his experience of the humanities in the wisdom sciences by an investigation of the phenomena of religious experience and the study of religious beliefs, ideas, and values;
- 2) for the student who wishes to supplement his education in an allied field of major concentration with a more extensive and specific understanding of the literature, history, or present experience of a religion or religions;

- 3) for the student who wishes to pursue a major program, (a) as undergraduate preparation for a professional career (teaching, politics, business, journalism, art, etc.) wherein a knowledge of the intellectual and moral, personal and experiential, cultic, social and historical dimensions of religion and religious systems is of great value; (b) as a depth study of man's religious experience in its various forms in order to develop intelligently the best techniques and methods for coming to terms with ultimate questions of meaning in his own life; (c) as a program preliminary to graduate concentration in the study of religion and theology; students in this category will receive supplementary attention from the Department.

RS 10 Religious Studies

An introduction to the scientific study of the total religious achievement of man. The meaning and end of religion, its dimensions and function in the life and history of the human race and of the individual. An analysis of man's religious faith, values, and authentic religious experience, as evidenced in the scriptures, traditions, doctrines, and history of the great religions, in the light of the principles and methods of theology, hermeneutics, and various other disciplines of the humanities.

3 semester hours

RS 101 Development of Christian Religious Thought

Major trends in Christian thought from the early Church to the Renaissance. An analytical survey of the contributions of outstanding men, of the development of significant ideas and institutions from the patristic age, through the rise and decline of Scholasticism, to the Renaissance.

3 semester hours

RS 103 The Reformation Era

An examination of the religious reform of the sixteenth century. The course begins by probing the seeds of reform in the late scholastic tradition and in popular spirituality, and proceeds by tracing the development of the ideas and impact of the reformers: Luther, Zwingli, Calvin, Munzer, and Schwenckfeld. The course concludes with an investigation of the Roman Catholic response to reform in the events of the Council of Trent and the Counter-Reformation.

3 semester hours

RS 105 The Rise of Modern Protestant Theology

An historical study of the development of Protestant thought from the late eighteenth century to the present. The course will examine the ideas of the men who shaped the Protestant tradition during this period (Kant, Schleiermacher, Bultmann, Barth) as well as influential debates (religion and the rise of science) and movements (liberalism, death of God). Special attention will be given to the "modern" propensities of contemporary Protestant thought.

3 semester hours

RS 107-108 Aspects of Jewish Theology

A survey course, outlining the major trends within Jewish thinking, from the biblical to the modern eras. The first section covers the period to 900; the second, from 900 to 1900.

3 semester hours

RS 109 Contemporary Jewish Theology

The thinking of contemporary Jewish theologians, including Martin Buber (Dialogue), Mordecai Kaplan (Reconstructionism), Israel Salant ("Mussar"), The Lubovitcher Rebbe (Hassiduth), Solomon Schechter (Conservative Judaism), Rabbi Kuk (Religious Zionism), Abraham Heschel (Religious Experience), Richard Rubenstein (Death of God).

3 semester hours

RS 110 The Religion of the Semites

An introduction to the civilization of the ancient Near East. The course will utilize original texts in English translation, and contemporary material related to the history of Semitic religions. It will emphasize those ideas and institutions which formed the content of the biblical civilization.

3 semester hours

RS 125 Contemporary Theology of Christian Man

A critical examination of man's knowledge of his own nature and place in the world in the light of modern Christian thought. The systems of H.R. Niebuhr, G. Vann, P. Tillich, H.U. von Balthasar, J. Knox, and K. Rahner are examined and compared with a view to understanding their anthropological base.

3 semester hours

RS 126 Developments in Christology

A systematic treatment of the person and work of Jesus Christ. The course will examine different interpretations of the meaning of the Christ event from the Scriptural sources to contemporary developments. *3 semester hours*

RS 131 Theology of Prayer

This course examines prayer in general and its qualities, as well as its value, ends, efficacy, and necessity. It also treats of the psychology of prayer as well as the stages of growth in prayer. A special place is given to the teaching of Jesus on prayer. Mystical prayer (infused contemplation and its degrees) and the eastern "Jesus Prayer" are also studied. *3 semester hours*

RS 132 Christian Existence

The Christian understanding of man's existence, his purpose, his relationship to God and to Christ as the dynamic center of Christian life. Consideration is given to methods of prayer and to the rules for discernment of God's will. *3 semester hours*

RS 133 Selected Questions in Christian Spirituality

This course will treat: (1) the principles of the Christian life as taught by Jesus in the Sermon on the Mount, the spiritual Magna Charta of Christianity; and (2) "Pentecostalism" (Charismatic Renewal), the fastest growing movement in the Christian Church today. *3 semester hours*

RS 134 Fundamentals of Christian Spirituality

God's wise and living plan for man. The Christian's union with Christ and Christian perfection. The Spirit-inspired and Christlike life of filial love of God and fraternal love of man. Christian liberty, conformity to the Divine Will, abnegation and asceticism. Meaning of sin. Prayer and mysticism. All these points are understood according to principles of Catholic theology. *3 semester hours*

RS 135 The Spiritual Theology of the Parables

The teaching and wisdom of Christ as contained in his parables: the primacy and centrality of love in the Christian life; hope and confidence; the goodness, compassion, mercy of God; the cost of discipleship; the tragedy of self-righteousness, etc. Of special concern is the application of the doctrine to contemporary man. *3 semester hours*

RS 136 Modern Atheism and the Problem of Belief

In addition to a critical examination of the classical arguments for the existence of God and the counter-arguments that can be brought against them, this course will concentrate on the concept of God, the theological definition of infinity, the modern and post-modern species of unbelief, the problem of evil, and classics of free thought. *3 semester hours*

RS 137 Man and Sin

A treatment of the nature of man: intelligence and freedom; the Divine plan for man, the supernatural order, man's free choice and the nature of sin; original justice and the Fall and effects thereof, will be treated in Scripture, tradition, and modern theologians with reference to relevant problems in the modern world. *3 semester hours*

RS 142 Marriage and the Family

A study of marriage in Scripture and Christian tradition, as a secular reality and a saving mystery. A discussion of the basic obligations of husband and wife, sex and sanctity in marriage. The problems of Catholic marriage in a pluralistic society; the problems of contemporary family life. *3 semester hours*

RS 143 The Sacraments in Christian Life

A study of the function of the Sacraments as the source of Christian character, involvement, and witness. Post-conciliar developments in the Liturgy and Sacraments will be related to current emphasis on the priesthood of the laity and the merging role of the laity in the church. *3 semester hours*

RS 150 New Testament Questions Today

A review of current discussions of New Testament matters: e.g., Jesus and the Dead Sea Scrolls; traditions about Jesus (infancy narratives, miracle stories, resurrection narratives); inspiration, etc. The text of each subject will be examined in light of recent critical studies. *3 semester hours*

RS 151 The Reinterpretation of the New Testament

An introduction to the critical study of the New Testament in which the methodologies of literary, form and redaction criticism will be explained. The varying titles for Jesus will be reviewed and compared with the original Jewish or Greek usage. The process of reinterpretation of Jesus in the New Testament will be reviewed in terms of the "New Hermeneutic." *3 semester hours*

RS 154 The Writings of Paul

A study of the texts and recurring themes of the writings attributed to Paul. Particular emphasis will be on Paul's treatment of ethical situations, community and religious experience. *3 semester hours*

RS 157 The Good News of the Gospels

The Gospels of Matthew, Mark, Luke, John will be studied according to the methodology of redaction criticism. The theological positions of early Christianity as represented in each writer will be examined and compared. *3 semester hours*

RS 158 Writings of St. John

A study of the text of the gospel and epistles attributed to John. Particular emphasis will be placed upon the recurring themes in these writings, the distinctive view of Christianity they represent, and the development of early Christianity to which they witness. *3 semester hours*

RS 160 Key Themes of the Old Testament

A survey of the major books of the Old Testament: Pentateuch, Prophetic and Wisdom literature, Psalms, Apocrypha and Midrashic texts, etc. Emphasis will be placed on the central thematic patterns and key concepts of the literature. *3 semester hours*

RS 161 Prophecy in Ancient Israel

This course will examine the concept of "prophet" and its extensive dimensions within the framework of Israel's covenanted history. Emphasis will be placed upon the message, themes, and styles of the classical prophets Amos, Hosea, Isaiah, Jeremiah, Ezekiel, and Zechariah whose careers span the major periods of Israelite prophetism. *3 semester hours*

RS 163 Israelite Wisdom Literature

This course will trace the roots of Israelite wisdom in Egypt and Canaan and analyze the development of biblical wisdom which begins with "the fear of Yahweh." A close examination of texts from Proverbs, Sirach, Job, and Qoheleth will be offered. The personification of wisdom as preparation for and bridge to the New Testament will be studied in the Book of Wisdom. *3 semester hours*

RS 170 Varieties in the Religious Experience

A study of unusual forms of man's approach to the experience of numinous reality. Three areas will be examined in detail: theologies—Shakers, Pentecostals, prophetic cults; fads—astrology and its background; the occult. *3 semester hours*

RS 171 Catholic Theologians

A lecture/reading course designed to place the student in the context of controversy within the Catholic Church. Problems of Church authority, new morality, belief, new liturgy, etc., are viewed as contemporary Catholic writers see and define them. The perspective of the course is to view Vatican II as the finalization of a theological revolution and to consider certain men as "interpreters" of the Magisterium as it is expressed in the Council; and certain others as structuring the "new future" of Roman Catholicism. *3 semester hours*

RS 172 American Catholic Theologians

A lecture/reading course which is designed to give the student insight into the modern development of Catholic theology in America. Discussion/analysis covers the work of Gustav Weigel, John Courtney Murray, George Tavard, Frank Sheed, Walter Burghardt, and Robley Whitson. An attempt is made to describe what is specifically American in terms of its origins and the present American cultural reality. *3 semester hours*

RS 182 Theology of Peace

A study of the modern social teaching of the Catholic Church on peace and justice, with major emphasis on the documents of Popes John XXIII and Paul VI. This course also studies the changes in structures that seem necessary to insure a peaceful and just order. *3 semester hours*

RS 187 The Religions of China and Japan

After a brief survey of the topography and history of each country to set the scene, the course will study the major religions of each country, i.e., Confucianism and Tao-ism for China, and Shinto and Zen Buddhism for Japan. Emphasis will be placed on the following topics: ultimate being, the nature of man, the material universe, the meaning and value of life. The modern developments in religious experience and expression, and the place of Christianity in the Far East will also be investigated.

3 semester hours

RS 190 Contemporary Morality: Basic Questions

A study of the fundamental concepts of moral theology, the properties of Christian morality, in terms of the major emphases of contemporary Christian thought, specific reference will be made to more significant current problems: conscience and law, freedom and obligation, personalistic and existential ethics, and the conflict of values in pluralistic society.

3 semester hours

**RS 191-192 Contemporary Moral Problems
I & II**

The moral/ethical questions which involve a significant conflict of values in contemporary pluralistic society will be examined with particular reference to the insights of Christian moral theology. RS 191 will examine the problematic of war, violence, civil disobedience, and some questions from biomedical ethics, such as euthanasia, genetic manipulation, etc. RS 192 will give special attention to sexual ethics, obscenity, pornography, abortion, contraception, over-population, etc.

3 semester hours

RS 193 Morality and Law

A study of the relationship between law and morality, of rights and justice, with illustrative reference to special topics, e.g., racism, sexism, political, business, and communications ethics, etc.

3 semester hours

RS 198 Major Seminar

This seminar course is an in-depth investigation of an individual man in an attempt to understand and organize his system, method, point of view, and major concerns.

3 semester hours

**Department of
Sociology**

Associate Professors: Anderson (*Chairman*),
Fay

Assistant Professors: Hodgson, Schlichting
Lecturers: Rodrigues

Sociology is the scientific study of human society and social behavior. It focuses on how organizations and institutions work and how membership in groups — such as family, class, occupation and ethnic group — affects individual personality.

Sociology is a new mode of inquiry. In the brief century and a half that the discipline has been in existence, it has taught people a great deal about themselves that they could not have learned by relying on speculation alone. Sociologists continue to ponder such problems as: Why do human beings form families and why do they worship gods? Why are some people rich when others are poor? Why is the life style of one group so different from that of another? What makes some people break social rules while others obey them? What holds societies together, and why do all societies constantly change over time?

The Department of Sociology concerns itself with:

- 1) providing an interesting and stimulating major that would be useful to people entering a wide variety of occupations and professions;
- 2) providing an opportunity for those majoring in other fields to acquaint themselves with Sociology.

REQUIREMENTS FOR THE MAJOR

Sociology majors take a minimum of 30 credits in Sociology, including six required courses: So 11, So 12, So 103, So 104, So 163, and So 164. If an internship in Field Work Placement is taken (for three or six credits), the internship is in addition to the 30-credit requirement.

SOCIOLOGY AND NON-MAJORS

All sociology courses, except Field Work Placement (So 185-186) are open to all students without prerequisite.

So 11 General Sociology I

An introductory analysis of the social nature of man and the forms of social behavior; the structure and function of social organizations and social systems. Particular application of these principles to human society. *3 semester hours*

So 12 Sociological Analysis of Contemporary Society

An analysis of the major institutional organizations which have transformed and continue to transform America and the modern world — industrialization, urbanization, bureaucracy, the corporation, technology — and the effects of these trends in producing new personality types; mass society; unrestrained social change; and the population explosion. Purpose of the course is to provide a macro-sociological framework for both the sociology major and non-major, a framework in which micro-sociological analysis such as stratification and industrial sociology should make more sense. *3 semester hours*

So 103 Sociological Theory I

A study of the classical theorists in sociology, with special emphasis on Marx, Durkheim, and Weber. *3 semester hours*

So 104 Sociological Theory II

A study of contemporary theorists, with emphasis on Symbolic Interaction, Functionalism, Critical Sociology, and Exchange Theory. *3 semester hours*

So 121 Sociology of Education

An analysis of the connections between society and its educational institutions. Topics emphasized are (1) education and socialization of children; (2) education and, equality of opportunity; (3) education as a profession. *3 semester hours*

So 131 Urban Sociology

"The nature of the city" and growth of urbanization in the contemporary world. The ecological approach and the use of demographic data in the analysis of modern urban communities. Social organization of metropolitan regions and the emergence of urban-suburban conflict. "Big city" politics, community-control, and regional government as dimensions of organization and disorganization in city life. City planning and urban development at local and national levels as efforts to solve the urban crisis. *3 semester hours*

So 135 Urban Planning

An introduction to the history and practice of urban planning. Emphasis is placed upon major techniques utilized by planners. Students analyze data and attend meetings of the planning agencies in the Bridgeport metropolitan region. *3 semester hours*

So 140 Sociology of Religion

A combined theoretical and empirical treatment of the sociology of religion. The character of religious institutions. The relations of religious institutions with other institutions in society. The internal social structure of religious institutions. Particular attention will be given to the process of secularization in the modern world and the crisis this poses for traditional religion. *3 semester hours*

So 144 Medical Sociology

The course examines how society culturally defines, measures, and socially deals with health, disease, and illness. Various currently used measurements of health status and disease are examined and critically evaluated. Health practitioners (such as physicians) and health institutions (such as hospitals) are studied sociologically. Ethics, ideology, and vested interests are examined as these affect the politics and economics of the health care system. While some cross-cultural comparisons are made, the primary focus is on American society. *3 semester hours*

So 152 Sociology of the Family

The family is a basic social institution of all societies. The course will begin by examining family systems as they exist in other cultures and in times past. However, the central focus of the course will be on understanding the contemporary American family system. American patterns of dating, mate selection, sexual behavior, marriage, parenting, and aging will be examined as well as alternative life styles and family instability.

3 semester hours

So 153 Complex Organizations

The formal and informal relationships in modern complex organizations is the basis of this course. Corporations, factories, hospitals, schools and prisons are explored in light of these relationships. The "other face" of bureaucracy and the bureaucratic personality are examined as well as the changing meaning of work. Several questions posed are: "How do the changing occupational roles in complex organizations affect the quality of life in American society?" and "Do these changes reflect greater individual alienation or freedom?"

3 semester hours

So 155 Business and Society

The course examines the role of business historically in the shaping of American culture and society. Specific areas dealt with are the values of American businessmen, the social organization of business, the concept of the corporation, and the effects of business on other institutions in society such as education. The increasingly complex relationship between business and the state is examined with special attention to the growth of government regulation, and public debate over the social responsibility of business.

3 semester hours

So 161 Social Stratification

The study of social inequality as a central fact of all social life: some attention is given to comparisons among various societies, but the course's focus is on the American class structures. Likewise, although methodological issues are dealt with, theoretical problems receive the greatest emphasis.

3 semester hours

So 163 Research Design

A study of nature and function of the scientific method as applied to the field of sociology. Particular consideration to specific techniques and tools used in behavioral research. Laboratory projects are part of the course.

3 semester hours

So 164 Statistics and Analysis

The course is designed to give a basic understanding and a practical application of the uses of statistics in sociological research. Particular emphasis is given to the non-parametric tests of significance important for analyzing sociological data. The presentation is not mathematically oriented although a basic knowledge of high school algebra is assumed. Evaluation is based on three "mid-term" tests, homework problems, and the final exam.

3 semester hours

So 166 Race Relations

An analysis of the sociological and social psychological dimensions of race relations and ethnic interaction. While the focus of the course will be on the American scene, problems of race relations in other parts of the world will also be examined along with their importance for world politics. What sociologists and social psychologists have learned about improving race relations will be considered.

3 semester hours

So 170-171 Social Work I and II

An examination of the field of social work: its concepts, methods, and changing role in present day society; a related explanation of community resources, and how agencies function and change to meet the problems from early childhood to those of the aged, upheavals in family life, and special problems presented by urban living.

6 semester hours

So 175 Sociology of Occupations and Professions

The world of work, a central experience in the lives of most adults in American society, will be examined. How has the nature of work changed in modern times? What are the differences among various professions and occupations, and what factors determine who gets what job? In a rapidly changing industrial society, how does the individual make occupational choices? With ever more women entering the labor force and with manower demands changing rapidly, what will the future occupational structure be like? In addition to examining these themes, the student will have the opportunity of examining one occupation in detail.

3 semester hours

So 177 Sociology of Sport

This course examines sport as a microcosm of the larger society — as a growing institution much entwined with the economy, religion, family, and politics. Several topics to be discussed are fan behavior, racism in sport, the female athlete, “corporate” sport, the hero phenomenon, and magic in sport. A major theme of the course is that sport is a reflection of the American value system.

3 semester hours

So 180 Sociology of Law

The basis of this course is the relationship of law and society. Several issues to be explored are the meaning of law, civil disobedience and other challenges, and law as an agent of social change. A major theme of the course is legal equality vs. social inequality — a theme to be analyzed in terms of discrimination against the poor, women, and various racial groups. The second half of the semester is devoted to a discussion of the role of lawyers, the police, and the courts in American society.

3 semester hours

So 181 Juvenile Delinquency

Within the parameters of criminology, the course looks into the various kinds of behaviors that are classified as delinquent. The problems of definition, of causation, of punishment, treatment, or rehabilitation are explored. The major studies and authors that treat this subject are reviewed and discussed.

3 semester hours

So 182 Criminology

This course examines the origin, causes, and history of crime. It also explores current social deviances such as drug addiction, prostitution, etc., and their relationship to the law and the social structure. The control of crime and the agencies of control are also examined as well as the techniques of punishment and rehabilitation. Evaluation is based on three of four “mid-term” tests, research projects in a chosen field of interest, class discussions and participation, and the final exam.

3 semester hours

So 183 Demography

Demography is the study of population. The causes and consequences of changes in mortality, fertility, and migration will be studied in detail. A central component of the course will be examining the current explosive growth of the world's population. The social, political, economic, and ecological issues associated with this trend will be treated.

3 semester hours

So 185-186 Field Work Placement

A one- or two-semester internship program. Students are placed in professional and service settings where they work under supervision and acquire experience in the area they have chosen for their placement. In addition, they are helped to integrate their experiences with the intellectual foundation acquired in their academic courses.

3 or 6 semester hours

So 187 Social Change in Developing Nations

This course will examine the major societal changes occurring in developing countries during the twentieth century. Answers will be sought to two basic questions. To what extent are the current efforts of Third World nations to modernize comparable to the earlier experience of the United States and Western Europe? How do existing inequalities and dependencies between developed countries and Third World nations affect their chances of modernizing?

3 semester hours

Spanish

(See Modern Languages)

Theatre

(See Fine Arts)



School of
Business

FAIRFIELD

Dean: John I. Griffin

Professors: T.J. Fitzpatrick,
Greenwood*, Griffin, Martin

Associate Professors: Cavallo, Harms,
O'Brien, Schurdak

Assistant Professors: Allinger**, Cadden****,
Cascini, Doyle, T.F. Fitzpatrick,
Kravet, Peters, Reilly***, Slominsky,
Twohig, Tyler

Lecturers: Barrington, Berkowitz, Burian,
Callahan, Honda, Kelly, McCarthy,
O'Malley, Tellis

Students in the School of Business take the same general education core curriculum required of other undergraduate students, thus assuring a broad knowledge of the liberal arts and sciences and a flexibility of mind which can be extremely valuable to the executive. In addition, students take a *business core curriculum* of ten subjects which provide an introduction to the fields of accounting, data processing, statistics, business law, business communications, finance, management, and marketing.

The balance of the program will depend on the major — accounting, finance, management, or marketing — but in every case, it will be a tailor-made program designed jointly by the student and a faculty advisor. All members of the business faculty are people of substantial experience, which makes them invaluable guides in the choice of a course of study that will further the student's specific career goals.

* *Program Coordinator in Management*

** *Program Coordinator in Accounting*

*** *Program Coordinator in Marketing*

**** *Program Coordinator in Finance*

Students are motivated to continue to grow intellectually and to be prepared for graduate study. A broad perspective of society and the proper role of business based upon an appropriate set of moral values is emphasized. In consultation with faculty, each student follows an approved curriculum which reflects an integrated approach to the study of modern management as well as the student's own career objectives.

Another feature of the School of Business is the optional senior-year internship for qualified students. These internships are undertaken for credit, and sometimes for pay. The student's progress is monitored by both an on-the-job supervisor and a faculty member. The presence of a large number of corporate offices in the Fairfield area provides highly unusual and rewarding opportunities for internships.

A program of distinguished executive lecturers brings to campus each year a number of senior corporate officers who meet with students and faculty.

The School of Business publishes a quarterly journal, the *Fairfield Business Review*.

Curricula

The curricula in the four major areas of business study — accounting, finance, management, marketing — consist of four parts: (1) general education core curriculum courses, (2) business core courses, (3) business major requirements, and (4) free electives.

Each business major must schedule, through the office of the Dean, a program conference with a faculty advisor in his major area of business study. The faculty advisor will prepare a detailed list of requirements which are to be completed, making appropriate choices from the list of available elective courses. It is anticipated that the faculty advisor will, where appropriate, develop a student program which will permit choosing courses from related majors in the School of Business as well as appropriate specific courses in the non-business area.

Such conferences should be scheduled early in their first semester for entering freshmen. Transfer students must schedule a program conference prior to beginning their studies at Fairfield University.

The general education core curriculum component includes over one half of the total number of courses to be completed for the Bachelor of Science degree in business.

A minor is available to business students in quantitative analysis and computer applications. Interested students should consult the Dean.

General Education Core Curriculum

The general education core curriculum provides a truly liberal education, drawing upon five major areas of knowledge. For each of these five areas of competency, a number of courses must be selected as follows:

Area I: Mathematics and Natural Sciences

- (1) 2 semesters of mathematics. For business majors, Ma 11-12 (Mathematics for Business and Social Sciences).
- (2) 2 semesters of a natural science. Any two courses in any of the natural sciences fulfill this requirement.

Area II: History and Social Science

- (1) 2 semesters of history. Hi 15-16. Also available as an option in this area is C1 (Hi) 105-106 (Greek and Roman History).

- (2) For business majors, Ec 11 (Introduction to Micro-Economics), and Ec 12 (Introduction to Macro-Economics).

NOTE: For majors in the social sciences, courses in the department in which they are majoring cannot be used to fulfill the social science requirement in the core.

Area III: Philosophy and Religious Studies

- (1) 3 semesters of philosophy. Ph 11, Ph 12, Ph 13.
- (2) 2 semesters of religious studies. RS 10 and any other course in religious studies.

Area IV: English and Fine Arts

- (1) 3 semesters of English. En 11-12 are required. The third course may normally be selected from any of the English offerings which do not have a number designation of 100 or over. Also available as options in this area are courses offering classical literature in translation. (See listings under Classics Program.)
- (2) 2 semesters of fine arts. Options: Any two FA courses will fulfill the core requirements.

Area V: Modern Languages and Classics

- (1) 2 semesters (at least at the intermediate level) of any language listed among the offerings of the Modern Languages Department or the Classics Program.

NOTE: 2 semesters at the basic level suffice if the student has achieved intermediate competence in another language during pre-college preparation.

Business Core Requirements

	Credits
Principles of Accounting (Ac 11, 12)	6
Data Processing (Qa 10)	1
*Statistics (Qa 100)	3
Business Law (Bu 100, 101)	6
Business Communications (Bu 150)	3
**Principles of Finance (Fi 100)	3
**Principles of Management (Mg 100)	3
**Principles of Marketing (Mk 100)	3
	<hr/> 28
***Principles of Economics (Ec 11-12)	6
Data Processing (Qa 120)	3

*This course should be completed in the student's sophomore year.

**These courses may not be taken until the junior year.

***This course meets the requirements of the general education core curriculum. It should be completed in the student's sophomore year.

NOTE: Attention is called to the following courses offered in the College of Arts and Sciences which are of particular interest to business majors:

- Economics 110, Financial Markets and Institutions
- Economics 124, Labor Economics and Industrial Relations
- History 171, American Business History I
- History 172, American Business History II
- Philosophy 197, Social and Business Ethics
- Psychology 13-14, Introduction to Psychology
- Psychology 148, Social Psychology
- Spanish 186, Career Oriented Conversational Spanish

Curricula for Business Majors

Each of the four majors in the School of Business has its own curriculum.

Bachelor of Science

(Major in Accounting)

	Semester Hours	
	Fall	Spring
Freshman Year		
Accounting (Accounting 11, Accounting 12)	3	3
Data Processing (Quantitative Analysis 10)	1	-
Sophomore Year		
Accounting (Accounting 103-104)	3	3
Economics (Economics 11-12)	3	3
Statistics (Quantitative Analysis 100)	-	3
Data Processing (Quantitative Analysis 120)	3	-

Junior Year

Accounting (Accounting 120)	3	3
Business Law (Bu 100-101)	3	3
Business Communications (Bu 150)	3	-
Advanced Accounting (Ac 110)	-	3

Senior Year

Accounting (four courses including: Ac 130, Ac 160, Ac 164 or 165, Ac 170)	6	6
Finance (Fi 100, Fi 116)	3	3
Management (Mg 100)	-	3
Marketing (Mk 100)	3	-

NOTE: Ac 197-198 (Seminar in Accounting) open only to qualified Seniors

General Education

Electives	6
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Bachelor of Science

(Major in Finance)

	Semester Hours	
	Fall	Spring
Freshman Year		
Accounting (Accounting 11, Accounting 12)	3	3
Data Processing (Quantitative Analysis 10)	1	-
Sophomore Year		
Accounting (Ac 105) - Free Elective	3	3
Economics (Economics 11-12)	3	3
Statistics (Quantitative Analysis 100)	3	-
Data Processing (Quantitative Analysis 120)	-	3
Junior Year		
Business (three courses including: Fi 100, Fi 110, Fi 115)	3	6
Business Communications (Bu 150)	3	-
Business Electives	3	3

Senior Year

Marketing (Mk 100)	3	-
Management (Mg 100)	-	3
Finance (Fi 116, Fi 117)	3	3
Business Law (Bu 100-101)	3	3

NOTE: Fi 197-198

(Seminar in Finance)
open only to qualified
Seniors.

General Education

Electives	12	
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Bachelor of Science*(Major in Management)*

	Semester Hours	
	<i>Fall</i>	<i>Spring</i>
Freshman Year		
Accounting (Accounting 11, Accounting 12)	3	3
Data Processing (Quantitative Analysis 10)	-	1
Sophomore Year		
Accounting (Ac 125) - Free Elective	3	3
Economics (Economics 11-12)	3	3
Statistics (Quantitative Analysis 100)	3	-
Data Processing (Quantitative Analysis 120)	-	3
Junior Year		
Management (Mg 100, Mg 120)	3	3
Marketing (Mk 100)	3	-
Finance (Fi 100)	-	3
Business Communications (Bu 150)	3	-
Economics (Ec 124)	-	3
Senior Year		
Business Law (Bu 100-101)	3	3
Management (Mg 125)	3	-
Management (Mg 130)	-	3
Business Electives	3	-

NOTE: Mg 197-198

(Seminar in Management)
open only to qualified
Seniors

General Education

Electives	12	-
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Bachelor of Science*(Major in Marketing)*

	Semester Hours	
	<i>Fall</i>	<i>Spring</i>
Freshman Year		
Accounting (Accounting 11, Accounting 12)	3	3
Data Processing (Quantitative Analysis 10)	1	-
Sophomore Year		
Economics (Economics 11-12)	3	3
Statistics (Quantitative Analysis 100)	3	-
Data Processing (Quantitative Analysis 120)	-	3
Junior Year		
Finance (Fi 100)	3	-
Marketing (Mk 100, 105)	3	3
Marketing (Mk 115)	-	3
Management (Mg 100)	3	-
Business Communications (Bu 150)	-	3
Senior Year		
Marketing (Mk 116, Mk 117, Mk 120)	6	3
Business Law (Bu 100-101)	3	3
Marketing (Mk 118 or Mk 119)	-	3
Marketing (Mk 130)	3	-
General Education		
Electives	12	-

Course Descriptions

Accounting

Ac 9 General Accounting I

A course for non-business majors emphasizing the basic accounting principles; construction and analysis of financial statements; formation, operation, dissolution and liquidation of partnerships and corporations; fire, loss, receivership, liquidation reports; accounting for estates and trusts; and income tax considerations. An introductory course for non-business majors which places emphasis on the use and analysis of accounting data for management decision making. Note: Ac 9 and Ac 10 are not open to business majors.

3 semester hours

Ac 10 General Accounting II

A continuation of Ac 9. Prerequisite: Ac 9.

3 semester hours

Ac 11 Principles of Accounting I (F-Ac 11)

This course acquaints the students with the functions of bookkeeping and accounting and with their importance in modern business. Topics include theory of debit and credit, classification of accounts, the bookkeeping and accounting cycle from the special books of original entry through the preparation of financial statements for the single proprietorship form of business organization.

3 semester hours

Ac 12 Principles of Accounting II (F-Ac 12)

A continuation of Ac 11 placing emphasis on accounting for partnerships and corporations. Topics include tax accounting; partnership and corporation formation; operation, sale, dissolution and liquidation; the elements of manufacturing cost; and interpretation of financial and operating statements. Prerequisite: Ac 11.

3 semester hours

Ac 103 Intermediate Accounting I (F-Ac 21)

The measuring and reporting of accounting income, significance of the balance sheet; planning and control of cash, receivables, inventories, property, plant and equipment, and current liabilities with emphasis on conformity with generally accepted accounting principles. Prerequisite: Completion of Ac 11 and Ac 12 with a minimum Grade of C+ and quality point average of 2.5.

3 semester hours

Ac 104 Intermediate Accounting II (F-Ac 22)

This course emphasizes accounting techniques and periodic procedures involved with working papers, locating and correcting errors, preparation of statements from incomplete data. Additional topics include statement of changes in financial position, accounting changes and analysis of financial statements, extensive study of corporation organization and changes as recorded in the stockholders equity section, as well as corporate investments and financing. Prerequisite: Ac 103.

3 semester hours

Ac 105 Financial Accounting (F-Ac 23)

An intensive course for finance majors designed to cover principles of accounting applicable to the preparation of financial statements. Important accounting areas are intensively studied which include valuation of assets; presentation of long term debt; financial statement analysis and statement of changes in financial position. Reference is made to official pronouncements of the several professional accounting associations. Prerequisite: Ac 12.

3 semester hours

Ac 110 Advanced Accounting (F-Ac 101)

This course broadens and intensifies the student's knowledge of accounting by exposure to many different situations, and demonstrating the ways in which accounting concepts are operative in a variety of applications. Topics include partnerships, business combinations, consolidated statements, fund accounting, government accounting, liquidations, foreign exchange, and installment sales. Prerequisite: Ac 104 or permission of the Program Coordinator.

3 semester hours

Ac 120 Cost Accounting (F-Ac 111)

A study of historical and projected costs for managerial planning and control as well as for financial statement purposes. The course develops the student's ability to analyze, to identify relevant factors, and to deal with accounting information for decision-making purposes. Topics include cost behavior, volume/profit relationships, and various costs systems. Prerequisite: Ac 104.

3 semester hours

Ac 121 Cost Accounting and Profit Planning

The study of managerial cost accounting systems, including job order, process, and standards. The course examines the accountant's role in developing cost analysis for management decisions in problem areas such as capital investment, product pricing, incremental profit analysis, and intra-company transfer pricing. Prerequisite: Ac 120 or permission of the Program Coordinator.

3 semester hours

Ac 125 Managerial Accounting (F-Ac 113)

Managerial accounting is concerned with the use of accounting statements and records rather than their composition. Topics include: accountants' interpretation of financial data, price level changes, flow of funds, industrial accounting, cumulative cost concepts and applications, budgetary planning, and decision making theory. Prerequisite: Ac 12.

3 semester hours

Ac 130 Auditing (F-Ac 131)

A course in audit concepts, standards and procedures, ethical and legal requirements, scope, objectives and nature of an audit, including modern audit techniques such as statistical sampling and audits of electronic data processing systems. The practical aspects of auditing will be taught by the completion of a comprehensive practice audit set. Prerequisite: Ac 104.

3 semester hours

Ac 160 Federal Income Taxation (F-Ac 161)

This course covers accounting in and the laws applicable to Federal tax returns. The primary emphasis will be on the determination of what constitutes taxable income, allowable business and personal deductions and capital gains and loss of individuals, partnerships and corporations. Attention will also be given to form preparation, research and tax planning. Prerequisite: Ac 104.

3 semester hours

Ac 164 Controllershship

This course gives an in-depth understanding of the controller's role and responsibilities, the techniques of planning for control, accounting reports and interpretations, tax administration and government reporting, as well as the management, evaluation, and consultation function. Prerequisite: Ac 104. Note: No credit for Ac 164 for student who has completed Ac 165.

3 semester hours

Ac 165 Accounting and Management Information Systems (F-Ac 134)

Management planning and control by means of information systems and their relationship in the accounting function. Topics covered include an introduction to the theory of information systems, the information needs of various department managers, the accounting techniques used, and the behavioral impact of information systems. Prerequisite: Ac 104 or permission of the Program Coordinator. Note: No credit for Ac 165 for student who has completed Ac 164.

3 semester hours

Ac 170 Contemporary Issues and Problems in Accounting (F-Ac 135)

A seminar in current accounting issues. Topics covered include the AICPA Accounting Principles Board's opinions and the latest statements of the F.A.S.B., as well as important proposals which affect the legal and professional status of the accountant. Prerequisite: Ac 104 or permission of the Program Coordinator.

3 semester hours

Ac 197-198 Seminar in Accounting

A special program involving independent study and research under faculty guidance. Also intended for students accepted in an approved internship. Prerequisite: Open only to seniors majoring in accounting and approved by the Dean. Students must have a quality point average of 3.0 or above.

3 or 6 semester hours

Finance

Fi 100 Principles of Finance (F-Bu 171)

A study of the acquisition and administration of the funds of a modern business enterprise. An analysis of the problems involved in procuring permanent capital, choosing a capital structure, administering working capital, as well as such special problems as evaluation, consolidation, or recapitalization and reorganization.

3 semester hours

Fi 110 Principles of Investment (F-Bu 172)

The course explains the various types of securities; discusses the recognized test of safety, yield and marketability; shows the necessity for caution with regard to diversification and management of a fund. Special attention is given to the analysis and interpretation of financial statements. Prerequisite: Fi 100.

3 semester hours

Fi 115 Financial Management (F-Bu 173)

This course develops an understanding of the principles and techniques of maximizing corporate valuation through optimal asset selection at the lowest economical cost. Coverage includes cost of capital, capital structure, dividend distribution, and budgetary methods including zero-based budgeting. The analysis of financial data is stressed. Prerequisite: Fi 100.

3 semester hours

Fi 116 Applied Financial Management (F-Bu 174)

This course applies the techniques learned in Financial Management (Fi 115) to actual cases. In addition there will be a discussion of techniques for such episodic events as mergers and acquisitions, evaluation reorganizations, and bankruptcies. Prerequisite: Fi 115.

3 semester hours

Fi 117 Portfolio Analysis

This course develops an understanding of the theory and practice of individual and institutional investment management. Topics covered include asset selection, portfolio mix, Markov theory, and performance standards required by various institutional portfolios. Prerequisite: Fi 110.

3 semester hours

Fi 118 Municipal Finance

This course examines the municipal market. Topics include bond initiation, evaluation analysis, financing, negotiations, and distribution. Floating and long-term debt are examined. Interaction of municipal, state, and federal financing policies. Studies of selected recent municipal financial crises.

3 semester hours

Fi 197-198 Seminar in Finance

A special program involving independent study and research. Also intended for students accepted in an approved internship. Prerequisite: Open only to seniors majoring in finance and approved by the Dean. Students must have a quality point average of 3.0 or above.

3 or 6 semester hours

Management

Mg 10 Conceptual Foundations of Business

A course for non-business majors considering the nature of business, how business is organized and managed, and the operational aspects of the business. The economic, social, political, and legal environment of contemporary business enterprise is discussed. Marketing functions, management controls and decision making, business risks and financial management are dealt with in general terms. Note: Mg 10 is not open to business majors. *3 semester hours*

Mg 100 Principles of Management (F-Bu 121)

This course analyzes the nature, functions, roles, and responsibilities of management in an organizational framework. Managerial processes of planning, organizing, staffing, directing, and controlling are treated as well as communicating, motivating, leadership, and decision making. The impact of the behavioral and managerial sciences on the study of business is assessed. Case analyses illustrate the applications of principles. *3 semester hours*

Mg 120 Production Management (F-Bu 122)

An analysis of the organization, administration, and control of production functions in an industrial setting. Included are forecasting, inventory control, network analysis, automation, systems management, management sciences, research and development, time and motion study, product design and process design as they affect production. Case studies are used to illustrate actual problems. Prerequisite: Mg 100. *3 semester hours*

Mg 125 Personnel Management (F-Bu 125)

Emphasizes the administration of the work force as part of the total management system. Topics treated include theories, policies and practices in manpower management and development, wage incentives, wage and salary administration, job evaluation. The course considers public policy and legislation that regulate the employment relationship such as strikes, collective bargaining, negotiation and contract administration, mediation, arbitration, and occupational safety and health, with some use of the case method. Prerequisite: Mg 100 or permission of the Program Coordinator. *3 semester hours*

Mg 130 Behavioral Foundations of Management (F-Bu 126)

The behavioral sciences are integrated with management theory in an interdisciplinary approach to understand human behavior in the environment of either profit-making or non-profit organizations. Problems and conflicts in leadership, formal and informal organizations, group interactions and human relations, unions, bargaining, grievance systems, morale, motivation and work satisfaction, discrimination, and management in employment situations. Prerequisite: Mg 100 or permission of the Program Coordinator. *3 semester hours*

Mg 135 Administrative Management Systems (F-Bu 123)

Considered are break-even analysis, purchasing, systems, management, facilities planning, preventive maintenance, inspection and quality control, and capital budgeting in their impact upon the production of goods and services. Prerequisite: Mg 100. *3 semester hours*

Mg 140 Principles of Purchasing Management I (F-Bu 140)

An introduction to the functions of purchasing. Topics include inventory control, make or buy decisions, traffic and disposal of surplus materials and scrap, purchase of capital equipment, negotiation and legal aspects of purchasing. Prerequisite: Mg 100. *3 semester hours*

**Mg 141 Principles of Purchasing Management II
(F-Bu 141)**

This course covers procurement and organization procedures; determination and description of quality and control of quality; related contract law; pricing policies; major equipment and leasing; procurement by manufacturing; forward buying and speculation; data processing; salvage and scrap. Prerequisite: Mg 140. *3 semester hours*

**Mg 145 Traffic and Transportation
Management I (F-Bu 107)**

This course acquaints the student with the important aspects of transportation management. Topics include: national legislation and Federal regulations, classification of freight, freight rates and tariffs, elements of rate making, shipping documents and their application, freight services, claims and damages. Prerequisite: Mg 100.

3 semester hours

**Mg 146 Traffic and Transportation
Management II (F-Bu 108)**

This course is a continuation of Mg 145 and includes additional freight rates and tariffs; demurrage; detention and weighing; classification committee procedure; F.O.B. points; aspects of the uniform commercial code; routings. Prerequisite: Mg 145.

3 semester hours

Mg 150 Management of Small Business

The student is made aware of the problems, opportunities, policies, and practices of the small business enterprise and their unique role in the free enterprise system. The small business firm is examined from conception of the opportunity to operating the firm, the creative idea, feasibility studies, the development of the business and financial plan, launching the venture and managing the firm. Case problems of small business firms are studied. Prerequisite: Mg 100.

3 semester hours

**Mg 155 The Business Firm and Contemporary
Society**

A study of the interactions of business practices and policies with the environment of which they are part. An examination of social responsibility, legitimacy, accountability, and ecology as related to profitmaking organizations. The concept of responsible firm citizenship to its various constituencies is developed including consumers, stockholders, labor, industry, the government, and the community at large. Prerequisite: Mg 100.

3 semester hours

Mg 160 International Business Management

The course covers the history and evolution of international business; the international environment; development, organization and structure of the international firm. Also treated is the international economy in relation to business policy, accounting, finance, and marketing decision-making; resource transfer and impact on the host country; business-government relations; and national and international control of the multinational corporation. Prerequisites: Mg 100, Mk 100, Fi 100.

3 semester hours

Mg 165 Management Planning Systems

A comprehensive treatment of general systems theory; major models of planning with emphasis on technical and practical considerations. Case studies relating to multinational medium-size and small-size firms will be studied. Quantitative techniques will be emphasized. Prerequisites: Mg 100, Mk 100, Fi 100, Qa 100, Qa 120.

3 semester hours

Mg 197-198 Seminar in Management

A special program involving independent study and research under faculty guidance. Also intended for students accepted in an approved internship. Prerequisite: Open only to seniors majoring in management and approved by the Dean. Students must have a quality point average of 3.0 or above.

3 semester hours

Marketing

Mk 100 Principles of Marketing (F-Bu 141)

A basic course in the field of marketing. With the satisfaction of consumer needs as the focus, this course studies the methods, policies, and institutions that affect the flow of goods and services from producer to consumer. Topics covered include product, price, distribution, and communication strategy. Attention is given to the social and legal environment in which marketing functions, its role in the economy and its place in management of the firm. *3 semester hours*

Mk 105 Consumer Behavior (F-Bu 142)

This course provides the student with an understanding of the behavior of consumers in the marketplace. An interdisciplinary approach is used employing concepts from such fields as economics, psychology, social psychology, sociology, and psycho-analysis. Among the many topics covered are motivation, perception, attitudes, consumer search, and post-transactional behavior. Prerequisite: Mk 100 or permission of the Program Coordinator. *3 semester hours*

Mk 115 The Sales Function (F-Bu 151)

A broad view of the major phases of direct selling techniques. Specific attention is given to the functions and structure of the sales organization and its proper relationship with other areas of the firm. Study of the planning of selling programs and selling campaigns as well as sales territories, sales quotas and the control of sales operations. Prerequisite: Mk 100 or permission of the Program Coordinator. *3 semester hours*

Mk 116 Marketing Communications (F-Bu 152)

A comprehensive course concerned with the design, management, and evaluation of marketing communications programs from the point of view of the promotion manager. Topics covered include advertising, sales promotion, public relations, and the impact of consumer activism and governmental regulations. Prerequisite: Mk 100 or permission of the Program Coordinator. *3 semester hours*

Mk 117 Channels of Distribution (F-Bu 143)

A study of the activities of intermediaries and other institutions which provide for the flow of goods and services from producer to consumer. Emphasis will be placed on effective channel management and the role channels of distribution play in the overall marketing plan including a study of various types of distributorship operations. Prerequisite: Mk 100. *3 semester hours*

Mk 118 Industrial Marketing

Characteristics that differentiate industrial from consumer marketing. Nature of industrial demand, buyer characteristics, industrial market research, competitive bidding, selling of industrial products, sales and advertising strategies in marketing to business, government, and non-profit organizations. Practices and policies in the distribution of industrial goods. Prerequisite: Mk 100. *3 semester hours*

Mk 119 International Marketing

Marketing tools as a means of moving the individual domestic producer into the international environment. Contrasts with domestic marketing. Demand, marketing channels, market structure, pricing and credit, marketing, and economic change. Application of management principles in international decision making, similarities and differences between foreign countries which bear on the development of marketing goals, organization structure, product policies, distribution systems, and promotional techniques. Prerequisite: Mk 100. *3 semester hours*

Mk 120 Marketing Research (F-Bu 153)

An appreciation is gained of the role marketing research plays in reducing the risks associated with marketing decisions. Emphasis is placed on developing the student's basic skills in conducting and evaluating marketing research projects. Topics include problem formulation, research design, data collection instruments, sampling and field operations, data analysis, and presentation of results. Prerequisite: Mk 100 and Qa 100 or permission of the Program Coordinator. *3 semester hours*

Mk 130 Problems in Marketing (F-Bu 154)

A course which gives students the opportunity to explore, discuss, and critically evaluate major issues, trends, and problems characterizing the current marketing scene. Term assignments and group projects and case studies are employed. Prerequisite: 9 credits in Marketing or permission of the Program Coordinator. *3 semester hours*

Mk 197-198 Seminar in Marketing

A special program involving independent study and research under faculty guidance. Also intended for students accepted in an approved internship. Prerequisite: Open only to seniors majoring in marketing and approved by the Dean. Students must have a quality point average of 3.0 or above. *3 or 6 semester hours*

Business Communications

Bu 150 Business Communications (F-Bu 183)

This course uses an analysis of the communication process as the basis for effective applications in business organizations. An understanding of how the process operates and why it may fail is used in the preparation of memoranda, letters, reports, and verbal presentations. These principles are further used in the preparation of a resume, and in classroom practice in interviewing. *3 semester hours*

Business Law

Bu 100 Business Law I (F-Bu 111)

Basic study of interaction between business and law including a brief survey of legal history, court systems and procedure and a more detailed coverage of torts, crimes, contracts and property law. References are to common law and applicable statutes including Uniform Commercial Code. *3 semester hours*

Bu 101 Business Law II (F-Bu 112)

Covers the laws of sales, commercial paper, secured transactions, and laws relating to debtors, creditors, and bankruptcy. Prerequisite: Bu 100. *3 semester hours*

Bu 102 Business Law III

Covers the law of agency and laws relating to forms of business organization with particular emphasis on the partnership and the corporation including formation, operation, and dissolution thereof. Government regulation of business is briefly considered. Prerequisite: Bu 101. *3 semester hours*

Bu 105 Labor Law and Labor Negotiations (F-Bu 124)

Evolution and current status of federal and state labor laws. Emphasizing the National Labor Relations Act, Connecticut Municipal Employees Act, Teachers Collective Bargaining Act, and Title VII of Civil Rights Act of 1964. The course will also explore techniques of labor contract negotiations and the mediation and arbitration of labor disputes. *3 semester hours*

Bu 110 The Law of Business Regulation

An examination of the impact of law, courts, and administrative agencies upon the operation of business in contemporary society. Special emphasis is given to the operation and effect of federal and state regulatory bodies such as the Securities and Exchange Commission, Federal Trade Commission, National Labor Relations Board, and environmental and consumer protection agencies including civil rights. *3 semester hours*

Quantitative Analysis and Computer Applications

Qa 100 Business Statistics (F-Fu 162)

An introduction to methods of data analysis with emphasis on the applications of statistical methods in business. Tabular and graphic presentation, principles of probability and statistical inference, regression analysis, techniques for the analysis of business change. *3 semester hours*

Qa 110 Quantitative Decision Making and Management Science (F-Bu 163)

An introduction to the use of quantitative methods in management decision making. The formulation of decision problems, their solutions, and the application of the solutions. Various models are studied. Prerequisite: Qa 100 or permission of the Dean. *3 semester hours*

Qa 115 Business Forecasting

Analysis of business conditions, early warning signals. Methods of time series analysis including examples of forecasting models. Making a short-term forecast. Prerequisite: Qa 100 or permission of the Dean. *3 semester hours*

Qa 10 Computers: APL Programming

An introduction to computer programming in APL. Students will learn basic programming concepts using interactive computer terminals. This course is a prerequisite for all other computer courses. *1 semester hour*

Qa 120 Introduction to Data Processing (F-Bu 103)

A general introduction to the computer and the broad impact which computers have had, and will continue to have in the world of business management. Recent advances in the field will be discussed. Prerequisite: Qa 10. *3 semester hours*

Qa 125 Introduction to the Basics of COBOL

Students will learn to program in COBOL, the most widely used business programming language. This is a basic COBOL course for students who do not wish to go further into programming. Prerequisite: Qa 10. *3 semester hours*

Qa 130 Seminar on Contemporary Topics in Business Computing

Students will study problems created by the increasingly widespread use of computers for accounting and on-line processing. Prerequisite: Permission of the Director of the Computer Center. *1 semester hour*

Qa 135 Introduction to FORTRAN IV (F-Bu 187)

This course gives an introduction to computer programming in FORTRAN. A brief exposure is given to the use of flow charting and to the operation of digital computers. The main portion of the course is devoted to the use of FORTRAN IV, a widely used programming language. Emphasis will be placed on the design and execution of programs. The orientation of programs is to business applications. Prerequisite: Qa 10. *3 semester hours*

Qa 136 Introduction to COBOL (F-Bu 189)

Students will learn to program in COBOL. The application of computers to business problems will be studied. File handling and array manipulation will be emphasized. Prerequisite: Qa 10. *3 semester hours*

Qa 137 Introduction to RPG

Students will learn to program in RPG, one of the widely used business programming languages. Prerequisite: Qa 125 or Qa 135. *1 semester hour*

Qa 140 Introduction to Systems Analysis

An investigation of modern business and management systems. Students will study the sub-systems comprising a modern business enterprise and learn to make cost-effectiveness evaluations of systems through the application of operations research methods. Prerequisite: Qa 120. *3 semester hours*

Qa 141 Systems Design and Advanced Programming Techniques

Concepts of business system design and design procedures are studied. Disk programming and file layout for the purposes of system design are covered. Business systems will be discussed in depth. Students will design and program one commercial system in COBOL. Prerequisite: Qa 136. *3 semester hours*

Qa 155 Applied Operations Research

(This course is offered jointly with the Department of Mathematics.) Prerequisite: Qa 100, Ma 152 or permission of the Dean. *3 semester hours*

Qa 197-198 Seminar in Quantitative Analysis and Data Processing

A special program involving independent study and research under faculty guidance. Also intended for students accepted in an approved internship. Prerequisite: Open only to seniors approved by the Dean and the Director of the Computer Center. Students must have a quality point average of 3.0 or above. *3 or 6 semester hours*



School of
Nursing

FAIRFIELD

School of Nursing

Dean: Phyllis E. Porter

Associate Professors: MacAvoy, Sideleau

Assistant Professors: Crutchlow, de Brun, Dudac, Fleitas, Kalnins, Mohr, Obrig, Pomarico, Simonet

Lecturers: Cantlon, Lavery

The curriculum of the School of Nursing provides the student with the educational experiences whereby he/she can gain a strong base in the liberal arts and sciences as well as in theory and practice in nursing. The program is designed to foster the student's personal and professional growth that is necessary for a committed and compassionate practitioner of nursing capable of providing professional nursing care to people with nursing needs in whatever setting they may be encountered. Students must meet prerequisite and corequisite policies established by the School of Nursing. In addition to meeting promotion policy requirements of the University, students must meet promotion policy requirements established by the School of Nursing.

The goal of the School is to prepare the student for the first level of professional nursing practice. In keeping with the focus for baccalaureate nursing programs, Fairfield prepares the student for general nursing practice. Throughout the program students are exposed to nursing practice in a variety of clinical, health care delivery settings, and systems. The program is a team-taught integrated curriculum designed to provide the maximum exposure to nursing. Faculty members are exceptionally well-qualified by both academic and practical preparation. The small student-faculty ratio is an inherent component of the program, particularly as it relates to clinical practice.

On-campus nursing classes are held in a superb new building that features a tiered lecture-demonstration room with projection facilities, a

nursing simulation laboratory where the student becomes familiar with the most common techniques and equipment, and an education media room that has the most modern multimedia facilities for learning.

The three components of the School of Nursing's program are:

The core curriculum — Nursing students must complete the core curriculum that is required of all Fairfield undergraduates.

Science and social sciences — Students take one year of chemistry and a year and a half of biology which includes anatomy, physiology, and microbiology. As the behavioral sciences form an important part of the foundation for nursing practice, students take four courses in psychology and two in sociology.

Nursing courses — Classroom instruction in nursing theory and skills begin in the freshman year and continue throughout the undergraduate program. Nursing courses are comprised of both theoretical and clinical components. The student's field experience in the freshman year is largely observational and is in a variety of settings. With each passing year clinical work increases, until, by the senior year, a significant portion of time is spent in the nursing major, which includes clinical practice as well as the theory component. To insure that students get the breadth and depth of clinical experience needed, the School has associations with many clinical facilities, including private hospitals, a veterans hospital, clinics, outpatient departments, rehabilitation centers, public health departments, and long-term care facilities.

Nursing Curriculum

Bachelor of Science

(Major in Nursing)

	Semester Hours	
	Fall	Spring
Freshman Year		
Chemistry	4	4
Psychology	3	3
Philosophy—		
Religious Studies	3	3
Mathematics (Ma 11-12)	3	3
English (En 11-12)	3	3
Nursing 11-12	2	2

Sophomore Year

Psychology—		
Microbiology	3	3
Biology	4	4
Philosophy—		
Religious Studies	3	3
Sociology	3	3
Nursing 21-22	4	4

Junior Year

English-Psychology	3	3
History	3	3
Nursing 31-32	5	5
Nursing 33-34	3	3
Fine Arts	3	3

Senior Year

Nursing	12	9
Philosophy	3	
Electives		6

Admission Requirements

Admission to the School of Nursing is selective and highly competitive. Students must be capable of completing an academic program in the liberal arts and sciences as well as the rigorous nursing program. Graduates are eligible to take State Board of Nursing licensure examinations. The program prepares graduates to continue their education at the graduate level.

Academic requirements for admission into the program are the same as for all students admitted to the University. Transfers into the School of Nursing are extremely limited.

Academic Requirements

1. No less than 15 units in college preparatory study, among which must be at least three units in high school mathematics, and one of laboratory science.
2. Rank in the upper half of the applicant's senior class.
3. Achievement tests in English, mathematics and one elective.

Personal Requirements

A personal interview with the Admissions Office is strongly encouraged of all applicants for admission to the program in order that assessment of the student's personal qualities may be made. The student is responsible for providing his/her own uniforms and transportation to the clinical facilities.

Course Descriptions

Courses described below are nursing courses only. As stated previously, all nursing students are required to take the core curriculum, which is described on pages 25, 116 of this catalogue. Descriptions of core curriculum courses — as well as descriptions of other science and social science courses required of nursing students — may be found in the College of Arts and Sciences section of this catalogue.

NU 11 Perspectives on Professional Nursing

An introductory course designed to give the beginning student an opportunity to become aware of the forces influencing the development and practice of nursing. Nursing 11 explores nursing as a profession and the health care delivery system. Personal and professional responsibilities are emphasized throughout the course.

2 semester hours

Nu 12 Professional Nursing Process and Practice

An introductory course designed to give the beginning student an opportunity to become aware of and practice skills basic to the practice of professional nursing. Nursing 12 explores the roles and practices of professional nursing in the health care delivery system.

2 semester hours

Nu 21 Health Assessment

The focus of this course is on the assessment phase of the nursing process. The introduction to clinical nursing includes aspects of nutrition, communication, and pharmacology. Selected nursing skills are introduced and laboratory experiences are provided. The nursing process is used to assess and to maintain the health of the pregnant woman and her family. Experiential learning occurs in the laboratory, clinics, physicians' offices, hospitals, and homes.

4 semester hours

Nu 22 Health Promotion and Maintenance

The focus of this course is the promotion and maintenance of health of individuals of all ages. The nursing process is used to examine their basic human needs and rights, and to apply selected concepts of health to families and to the community. The interaction between man and his environment is explored in both hospital and community settings. *4 semester hours*

Nu 31 Health Concepts and Acute Illness

The students will use the nursing process with clients and families facing short-term and/or acute episodes of illness. Focus is health restoration, prevention of recurrence of illness, and physical assessment of ill or institutionalized clients. Clinical experiences take place in simulated college laboratory, hospitals, and community health agencies. *5 semester hours (2 class, 3 lab)*

Nu 32 Health Concepts and Chronic Illness

The student will use the nursing process with clients and families facing long-term or chronic illness. Focus is on health restoration, maintenance, rehabilitation, and coping with chronic illness. Clinical experiences take place in the hospitals and community health nursing agencies. *5 semester hours (2 class, 3 lab)*

Nu 33 Pathology and Medical/Surgical Intervention in Acute Illness

Content focuses on medical management during the acute phase of illness. Emphasis is on pharmacological and surgical intervention, and management. *3 semester hours*

Nu 34 Pathology and Medical/Surgical Intervention in Chronic Illness

Content focuses on medical management of chronic or long-term diseases. Emphasis is on pharmacologic and restorative intervention and management. *3 semester hours*

Nu 42 Professional Nursing — Issues and Dimensions

Examines issues confronting the nursing profession, their historical development, current impact and projected effects on society, the nursing profession, and the individual nurse. The theme of individual and professional accountability is emphasized throughout. *2 semester hours*

Nu 43 Systems of Nursing Intervention

Using a systems perspective, Nu 43 addresses multi-dimensional health problems and issues in the health care system, and organizes the content into a meaningful framework for making clinical judgments. Man is viewed at his subsystems levels and as a total human being who interrelates with others in hierarchically arranged human systems. The definition of client is expanded to provide the theoretical basis for the nursing of individuals, families, groups, organizations, and communities. *6 semester hours*

Nu 44 Advanced Concepts of Clinical Practice

Examines selected concepts as they apply in various clinical settings and client populations. *2 semester hours*

Nu 46 Transition in Nursing

This course is designed to assist the individual in making the transition from the role of student to that of professional practitioner. Through experiential learning in the clinical area of choice, the student is given the opportunity to synthesize learning and to practice with minimal supervision. *3 semester hours*

Nu 47 Practicum in Nursing Management

This is a clinical course that challenges students to incorporate all previous and concurrent learnings to provide nursing care to clients, families, and groups in a variety of settings. Clinical resources will include the laboratory, the hospital, and the community. In the hospital, students will work together to provide systematic and efficient care to groups of clients and families. In the community, students will work in groups to assess the health needs of designated "at risk" populations. *3 semester hours-clinical*

Nu 48 Research in Nursing

Introduction to formal methods of research, and its application in nursing. Student has the opportunity to design a study of nursing problem which has been identified as a result of his/her clinical learning experiences. Implementing the research design will be optional. *2 semester hours*

Nu 49 Nursing Management of Clients with Major Psychiatric Disorders

Psychiatric concepts are applied to the nursing management of clients in an acute care psychiatric setting. The nursing process is applied to client and families who are experiencing major disorders of thought, behavior, and/or feeling. *3 semester hours-clinical*



Student Life and Services

FAIRFIELD

Student Life and Services

A full and diversified student life is provided for all undergraduates through the coordinated efforts of the University's Student Services Division and the Fairfield University Student Association.

Fairfield Student Services Division

The Fairfield Student Services Division provides:

1. Assistance in planning social events and campus activities;
2. Coordination of student organizations, freshman orientation, volunteer programs, athletics and recreation, judicial proceedings, and the residence hall program;
3. Counseling services (through the Counseling Center) and student health services;
4. Maintenance of an up-to-date listing of all University students;
5. Issuance of excuses for missed exams and quizzes;
6. Issuance and replacement of identification cards, which are required of all members of the University.

Fairfield University Student Association (FUSA)

The Fairfield University Student Association (FUSA) is the official undergraduate student government of the University. Upon payment of the mandatory activity fee of \$25.00, a student automatically becomes a member of FUSA. The Student Association is divided into three branches — Executive, Legislative, Judicial — which work individually and collectively to improve the quality of life for all students at Fairfield. The costs of social and cultural events and all recognized campus organizations are underwritten to some degree by FUSA.

Executive Branch

This branch of FUSA coordinates overall student programs. It consists of the President of FUSA; Treasurer; Attorney General, who serves as chief prosecutor in the Student Court; Community Affairs Coordinator; Campus Activities Affairs Coordinator; Legislative Liaison, which guides programs through the Student Legislature; and a Student Entertainment Commission, which is responsible for student social events.

Legislative Branch

Made of up elected representatives of residence halls, commuters, and off-campus boarders, the Student Legislature initiates and votes on bills pertaining to student life, appropriates FUSA funds for student organizations and activities, conducts investigations, and approves various FUSA officials and delegates.

Judicial Branch

The Student Court, which consists of a Chief Justice and eight Associate Justices, serves as the Judicial Branch of FUSA. It is the court of first instance for students accused of minor infractions of University policy.

Student Rules and Regulations

The rules and regulations governing student life are provided in full in the *Student Handbook*, a copy of which is provided to each student by the Student Services Division of the University. If further interpretation of any of these rules and regulations is required, the student should consult personnel in the Student Services Division.

Discipline

Both intellectual growth and social harmony require discipline as a necessary condition. Self discipline, whether intellectual or social, is of course the best form for community living, but it is, of itself, inadequate. When free men join together in a common enterprise, whatever its nature, some external authority is needed to direct and sustain that enterprise. In the process of accepting that authority and working in a community, the individual can discover the fullest meaning of freedom and fulfillment. This does not mean a begrudging or uncritical heeding of regulations, but rather a voluntary and understanding acceptance of decisions for the good of the whole community.

At Fairfield University the Dean of Students has general care of student welfare and of student discipline. The discipline which he exercises is considerate but firm, especially in matters which affect the good of the student body as a whole and which touch upon the reputation of the University. Nevertheless, the attitude of the Dean of Students, as of the rest of the faculty, is such as to make discipline, as far as possible, the outgrowth of high student morale and an element in the maturing of character. However, the administration reserves the right to dismiss a student or to exercise other disciplinary measures for misconduct either on or off the campus because student misconduct not only reflects on the reputation of the University but is an indication of the general character of the student.

Besides explicit offenses mentioned in the *Student Handbook*, behavior that leads to civil action renders a student liable to collegiate disciplinary action including expulsion. While the University does not look upon its relations with students as primarily legal, it does guarantee to any student involved in disciplinary action due process and a right to be heard in his own defense.

Counseling Services

Some of Fairfield's many counseling services are provided through specialized personnel: academic counseling is provided by the student's faculty advisor; religious and spiritual counseling is available through the Campus Ministry Office; health and medical counseling may be obtained in the Health Services Department. But most other types of counseling — career, personal, psychological, social, etc. — are provided by the Counseling Center.

The Counseling Center exists to help students achieve their academic, personal, and vocational goals. The Center is staffed by professional counselors and psychologists who are available to help a student gain greater self-understanding so that he or she will be able to make appropriate decisions in the light of this understanding. The staff welcomes individual students or groups of students to come in with whatever problems they might have.

When appropriate, tests and inventories are administered to students to help them clarify personality characteristics and career objectives. A staff member carefully interprets and discusses the results of testing with each student.

The Counseling Center also serves as a coordinator of information for off-campus employment. Students who are interested in part-time employment should read the bulletin board in the Counseling Center.

Students are encouraged to take advantage of the vocational guidance and placement services provided within the University Counseling Center. The placement service is also made available to graduates of the University. In the Counseling Center is located a vocational library and reading room which may be of assistance to students considering career choices.

Student Health

The College Infirmary is located in Loyola Hall. A registered nurse is in residence; a doctor visits the Infirmary daily. Seriously ill students may be admitted to St. Vincent's Hospital, Bridgeport, just minutes from the campus.

Student accident and medical insurance is provided for all students. Special health policies are required for nursing students. Information may be obtained from the School of Nursing.

Student Clubs and Organizations

Fairfield University has approximately 40 recognized student clubs and organizations covering a diversity of interests. (If there is sufficient demand, new organizations may be started under guidelines that may be obtained from the Student Services Office.)

Academic clubs supplement classroom work of some departments: the *Accounting Club*, limited to accounting majors, provides talks by professionals as well as by faculty members and students; *American Chemical Society Affiliates* features guest lecturers, social functions, and opportunities for practical work experiences; the *Biology Society* focuses on field trips, lectures, and activities that combine recreation with education; *The Canisius Academy* sponsors seminars and lectures that enhance the religious studies program; *The Philosophy Academy* provides a forum for the discussion and exchange of issues of philosophical interest; the *Student Psychological Association* (FUSPA) sponsors movies, guest lectures, social events, and a monthly newsletter to keep members abreast of activities in the field; *Sociology Club* plans field trips and guest lectures as well as provides a forum of student papers and discussions; *Student Nursing Association* serves as the unifying force among nursing students and sponsors a broad range of activities of interest to its members.

Special interest clubs appeal to specific groups of students: *The Alpine Club*, a sports club, sponsors outdoor activities for skiers and skaters; the *UMOJA* promotes black-white unity on campus and provides social programs for the University's black community; the *Cheerleaders*, a coed group, leads cheers at Fairfield basketball games; the *Chess Club* helps develop players' skills and participates in intercollegiate competition; the *Coffeehouse* not only is a social center but encourages performances by student musicians; the *Commuter Club* stimulates the participation of commuters in University activities; the *Connecticut Intercollegiate Student Legislature* has a Fairfield delegation which debates contemporary political and social issues.

The Forensic Society competes in public speaking and debate with members of the Eastern Forensics Association; the *Film Society*, for those who enjoy films, presents two films a week; *The International Relations Club*, which focuses on international issues, annually participates in the National Model United Nations Convention; the *International Students Club*, through a variety of activities, fosters friendly relations between students from a variety of countries; the *Ski Club* sponsors several extended trips to ski slopes; the *Spanish American Students Association* fosters unity, interest, and appreciation of Hispanic culture; the *University Council* is a forum for opinions and ideas of importance to the University community;

Service organizations reflect the interest of students in helping their fellow persons: *Alpha Phi Omega* is a national service fraternity that embodies the principles of the Boy Scouts of America; *Appalachia Volunteers* provides students with an opportunity to work with mountaineers for a week or two each year; the *Cardinal Kay Society* is involved with serving both the campus and the town communities through volunteer social work; the *Knights of Columbus* are involved in such projects as working with the mentally retarded and running the Southbury Training School Fund Raising Ball; *St. Mary's Tutoring Programs* tutors fifth to eighth graders bussed in from Bridgeport; *Students of Fairfield, Inc.*, is a group of students working for students through such activities as the used book co-op; *Youth Involvement Council* sponsors a broad range of activities in surrounding communities.

Communications organizations are excellent outlets for those who have the gift of communicating: *Groundstar* is the University literary publication of high artistic merit; *The Manor* is the University yearbook, totally produced, written, and designed by students; *The Voice* is a weekly student newspaper distributed to all students; *Station WVOF* presents daily broadcasts of rock, jazz, news, and public service materials.

Music organizations present opportunities for vocalists and instrumentalists: the *Chamber Orchestra and Vocal Ensemble* promotes the performance and appreciation of Medieval, Renaissance, Baroque, and Classical music; the *Chorale* is a 40-voice woman's group that performs choral works both on and off campus; the *Glee Club* of 50 voices practices during the fall in preparation for its 12 public concerts in the New England-New York area.

The Playhouse is a student drama organization that presents several major productions a year along with a number of workshops, studio productions, guest productions, and special events.

Religious Activities

Because of its rich religious heritage, Fairfield University encourages student participation in religious activities. Many student organizations — The Canisius Academy, the Knights of Columbus, St. Mary's Tutoring Programs, etc. — have religious ties, but most religious activities emanate from the Campus Ministry Office.

The Campus Ministry team consists of two Jesuits, a woman who has had wide experience in providing students with spiritual direction, and a number of student volunteers. The Campus Ministry provides spiritual counseling, fosters prayer life, plans seminars on religious and social concerns, and encourages social response and community involvement. There are daily liturgies for Catholic students. Members of the Campus Ministry team are happy to put non-Catholic students in contact with churches and religious leaders of their faith.

Athletics and Sports Activities

For men and women, Fairfield provides three types of organized athletics and sports activities: varsity sports, club sports, and intramural sports. Fairfield is in the university division of the National Collegiate Athletic Association (NCAA), the Eastern Collegiate Athletic Conference (ECAC), and in the college division of the Association of Intercollegiate Athletics for Women (AIAW), and the Eastern Association of Intercollegiate Athletics for Women (EIAIW).

Varsity sports for men include baseball, basketball, cross country, golf, ice hockey, soccer, and tennis. Women's varsity sports include basketball, field hockey, and tennis. In most of these sports, Fairfield teams compete against conference (ECAC) and non-conference opponents and participate in invitational and post-season tournaments.

Club sports also provide intercollegiate competition, but these activities are organized and operated by students in conjunction with the Athletic Department. Club sports include fencing, football, judo, karate, lacrosse, rugby, sailing, skiing, softball, and swimming. Some of these teams participate in conference competition or belong to specialized athletic groups such as the Eastern Rugby Union or the New England Intercollegiate Sailing Association.

Fairfield offers an extensive intramural sports program which runs from the second week of the fall semester to the end of the academic year in the spring. Intramural sports, which feature teams from residence halls and commuter groups, include basketball, street hockey, softball, tennis, touch football, and volleyball. Winning teams receive trophies at the annual sports dinner.

The student who does not wish to participate in organized sports has the opportunity to make full use of Fairfield's new Student Recreational Complex, the outdoor tennis courts and playing fields, and join in a variety of informal "pick-up" games that take place both indoors and outdoors on the campus at all seasons of the year.

The Campus

Student life at Fairfield takes place on a 200-acre campus of exceptional natural beauty. From an elevation of 180 feet and at a distance of two miles, the campus commands a broad view of Long Island Sound.

The modern buildings provide living and learning quarters for more than 1600 students and the Jesuit community. Among the more important of the 31 major buildings and facilities on campus are:

The Residence Halls

A large proportion of Fairfield's student life centers in and around its eight residence halls. To facilitate their adjustment to campus life as well as to give direction to their personal growth, freshmen are integrated with upperclassmen in these residence halls wherever possible, but two halls are set apart primarily for upperclassmen.

A University staff assists students in adjusting to residence hall life in particular, campus life in general. In addition to the Director of Student Residences, the Assistant Director of Student Residences, and two Head Residents, there are student Resident Advisors. These students have been trained to provide advice and counsel to other students and to supervise student behavior. In addition, Jesuits live on various floors of residence halls, sharing their commitment, their experience, and their concern with students.

Residence halls are self-governing units. Together, students and staff decide what their aims will be and how they will achieve them within the residence halls. Through shared responsibility in all aspects of residence hall life, students develop a respect for the personal and property rights of all persons and of the University itself.

For upperclassmen, an optional housing arrangement exists in off-campus housing, apartments and beach houses that can be rented by the school year.

Full information about campus and off-campus housing and about housing policies may be found in the *Student Handbook*.

The Campus Center

The Campus Center is the social focal point for all segments of the University community — students, faculty, administration, alumni, and guests. The Center contains the main dining room and a faculty dining room, the mail center, Student Association (FUSA) offices, the bookstore, the Stag-Her Inn (a snack bar and rathskeller), music rooms, game room, and a variety of other facilities for student services. The Campus Center Director reserves space for and schedules such activities as concerts, art shows, lectures, auctions, conferences and a variety of other University events. Through the Center, an extensive program of cultural, educational and recreational events is offered to the entire University community. A regular *Weekly Bulletin* informs the campus of all upcoming Center events.

The Library

The Nyselius Library contains over 300,000 carefully selected bound volumes, more than 1250 journals and newspapers, a circulating collection of records and tapes, and various microforms. The stacks are open to all students, and there is study space, primarily at individual carrels, for over 600 students at any one time. For the convenience of the campus community, the library is open almost 100 hours a week except during vacation periods.

The Student Recreational Complex

The Student Recreational Complex is a new building adjacent to the Gymnasium. Planned to help students develop lifelong physical skills, the Complex provides a 25-meter swimming pool with three diving boards; a field-house unit that can be used interchangeably for badminton, volleyball, tennis, basketball; a 115-meter indoor jogging track; enclosed courts that can be used for handball, squash, racquetball; two exercise rooms, one for men and one for women; a multipurpose room that can be used for modern dance, slimnastics, exercising, student club meetings; two sauna baths and a whirlpool bath; sunbathing deck; locker rooms. Just outside are six all-weather tennis courts.

Adjacent to the complex is the University Gymnasium, which is used primarily for intercollegiate and intramural sports as well as for physical education classes. Outdoor facilities include four fields that can be used by both men and women for a variety of intercollegiate, intramural, and club sports, and additional tennis courts. The broad expanses of the campus provide ample opportunity for spur-of-the-moment physical activity such as frisbee throwing and skate boarding.

Other Buildings

Classroom buildings range from the new School of Nursing Building to Bannow Science Center, from generalized classroom buildings like Xavier Hall to specialized facilities such as the Playhouse.

The best way to appreciate the utility of these buildings and the modernity of their equipment is through a campus visit, which can be arranged by the Admissions Office in Canisius Hall.



Admission,
Expenses, and
Financial Aid

FAIRFIELD

Admission

Fairfield University admits without discrimination, students of any sex, race, color, religion, national or ethnic origin, or physical handicap to all the rights, privileges, programs, and activities generally accorded or made available to students of the University.

Freshman Admission

Freshman students are admitted in September only. The applicant shall have received his high school diploma from a recognized high school or preparatory school, and he shall have acquired no less than 15 units in college-preparatory studies. The *unit* is commonly understood as a measure of credit assigned for the successful completion of a high school course which meets four or five times each week throughout the year; *college-preparatory units* are those which are usually found in that curriculum of the high school which explicitly prepares for college.

No vocational, commercial, or industrial units are considered to be preparatory to the work of the liberal arts college. Candidates for admission may present entrance units chosen from the following, among which must be at least three units in high school mathematics and at least two units in a foreign language, and one of laboratory science. Candidates for the mathematics and the science programs must present in addition a half unit of credit in trigonometry.

English	4
Latin	4
Greek	2 or 3
French	2 or 3
German	2 or 3
Italian	2 or 3
Spanish	2 or 3
Physics	1
History	3
Civics	½ or 1
Problems of Amer. Democracy	1
Social Studies	1
Algebra	2
Plane Geometry	1
Solid Geometry	½
Plane Trigonometry	½
General Science	1
Biology	1
Chemistry	1
Economics	1
Geography	½ or 1
Law	½ or 1
Astronomy	1
Physiography	1
Mechanical Drawing	1

In addition to the basic requirements, the applicant must present evidence to indicate his interest in and his competence for college studies. To that end he must submit the complete record of his high school studies, together with other supporting material as described in the admissions application form. The applicant should normally rank in the upper half of his senior class. All applicants are required to take the College Board Aptitude examinations and three College Board Achievement examinations. The three achievement examinations to

be taken are English, mathematics, and a modern foreign language. If an applicant is interested in majoring in a particular science, he is required to take the achievement examination in that science in place of the modern language examination. Candidates for the pre-medical, nursing, and pre-dental programs preferably will take the chemistry achievement examination. The same pattern will apply to those submitting scores from the American College Testing program (ACT).

Advanced Placement and Early Decision

Advanced Placement: While in high school, some students pursue one or more college-level courses. Fairfield University permits such students to bypass a similar University course if (1) they take an Advanced Placement Test of the CEEB program, and (2) obtain a test score acceptable to the Committee on Admissions and the Chairman of the particular department concerned. The score must never be under a "3," and usually not under a "4." Each student's record is studied individually, and the decision regarding advanced placement is made on the merit of each individual's record of achievement.

Early Admission: Superior students who have completed a four-year high school program at the end of three years may apply for admission to the University.

CLEP Examination

College Level Examination Program (CLEP) scores in the Subject Examination above the 50th percentile will be accepted by the University as a satisfactory substitute for college courses. Individual subject examinations will earn advanced placement in that subject.

A superior student who presents the equivalent of five college courses will be granted a semester's advanced standing. The equivalent of ten courses will earn advanced standing of a full year.

Examinations offered for advanced placement or advanced standing should be submitted at the time a student is admitted to the University. These examinations are not accepted as a substitute for courses once a student has matriculated.

Transfer Admission

Admission to Advanced Standing

Capable students are welcome to transfer to Fairfield University.

Undergraduates of other recognized colleges who apply for admission to Fairfield as transfer students with advanced standing must present a transcript of their college and high school records prior to any admission review.

Each candidate will be individually reviewed and a program determined according to his needs and accomplishment.

Every effort is made to accept transfer credit as a program rather than totaling single course credits, so that a student may be admitted to a specific year at Fairfield; e.g., accepted as a second semester sophomore or first semester junior. The core courses of Fairfield's program should be met, but appropriate adjustments will be made in the individual case.

Every Transfer Student is required to complete at least two years of full-time undergraduate study in order to receive a Fairfield University Bachelor's Degree.

Applications should be directed to the Admissions Office.

Expenses

Tuition/General Fees

Application Fee \$ 15.00
(This fee is not refundable)

Tuition \$1737.50
Per semester payable on or before August 1 and January 1. An acceptance deposit (non-refundable) of \$100.00 is paid on acceptance of the notice of admission; it is credited towards the semester's tuition.

Resident Students:

Board and Room \$ 975.00
Per semester payable on or before August 1 and January 1.

Room Deposit \$ 100.00
Non-refundable if reservation is voluntarily cancelled. Refunded when graduating or leaving the school or residence halls.

General Fee \$ 100.00
Per year. This fee covers 24-hour infirmary service as well as normal health insurance and accident insurance. It covers free admission to all home athletic events, support of the Student Government activities and the student radio station operation.

Special Fees

Late Registration	\$ 5.00
Orientation	10.00
Change of Curriculum	10.00
Change of Single Course or Section	5.00
Revised Posting of Academic Record	5.00
Supplementary Academic Transcript	1.00

Nursing student costs

Two uniforms and equipment estimated \$100.00
Student malpractice insurance 11.00
Transportation to clinical experience is the responsibility of the student.

Practice Teaching \$40.00
(\$15.00 of which is for state certification)

Commencement	25.00
Extra course per semester hour	70.00
Laboratory Fee	20.00
Fine Arts Materials Fee	20.00

The trustees of the University reserve the right to change tuition rates and to make additional charges within the University whenever they believe it to be necessary.

All checks are to be made payable to Fairfield University. A charge of 1% of the unpaid balance may be made monthly on all balances remaining.

Tuition and other academic fees may be paid through the Tuition Plan, Incorporated and through the Education Funds, Inc. Student loans may also be arranged under terms of the National Defense Act and through the Alumni Fund of the Class of 1951. For information write to the Accounting Department, Fairfield University.

Refund Policy

If a student withdrawal is authorized for good cause and if he or she follows normal withdrawal procedure, the student may make a written request for a refund of tuition and room and board according to the following schedule. General and special fees are non-refundable.

<i>Request</i>	<i>Refund</i>
first week	90% less \$100
second week	80% less \$100
third week	70% less \$100
fourth week	60% less \$100
fifth week	50% less \$100
sixth week	40% less \$100
seventh week	30% less \$100
eighth week	20% less \$100
ninth week	10% less \$100
tenth week	0%

Financial Aid

Financial Aid Policy

Fairfield University administers a comprehensive program of financial aid for students with limited resources and strong academic potential. Fairfield utilizes the College Scholarship Service uniform methodology to determine financial aid recipients. The amount of aid a student receives is based on financial need. Financial need is the difference between the total cost of attendance and the expected ability of the family to contribute to these expenses.

Generally, students who have been admitted to the University, and are offered financial assistance, receive a "package," which combines the various grants, loans, and student employment programs available.

Members of the Financial Aid Office staff are available throughout the year to advise and answer any questions that students and their parents might have.

Financial Aid announcements for entering freshmen are made at the end of March. Upper-class awards are issued in June.

Application Procedure

To be considered for financial aid at Fairfield University, the following steps are required:

1. File a Financial Aid Form (FAF) with the College Scholarship Service no later than *February 1st* for entering freshmen and *April 1st* for upperclass and transfer students. This form is available from high school guidance offices or by writing to the Fairfield University Financial Aid Office.

Those students applying for early decision must complete an Early Version Financial Aid Form no later than *December 15th*. This form is available through the Financial Aid Office at Fairfield University.

2. File a Fairfield University application for financial aid (entering freshmen only) no later than March 1st.

Renewal Process

Any student who receives financial assistance at Fairfield University is required to submit a completed Financial Aid Form by *April 1st* each year. Continued eligibility for any program is based on the following criteria:

1. Demonstrated financial need.
2. Maintaining satisfactory progress and good standing in the course of study being pursued according to the regularly prescribed standards and practices at the University.
3. Carrying an academic workload sufficient to qualify as at least a half-time student during the academic year.
4. Is not in default on any loan made from a student loan fund at Fairfield, or on a loan made, insured, or guaranteed under the Guaranteed Student Loan Program.
5. Does not owe a refund on grants previously received for attendance at Fairfield under the Basic Educational Opportunity Grant, Supplemental Educational Opportunity Grant, or State Student Incentive Grant Programs.

Estimate of Expenses

The following are average student budgets at Fairfield University during the 1979-80 academic year:

Per Year	Off-Campus		
	Resident	Commuter	Boarder
Tuition & Fees	\$3,575	\$3,575	\$3,575
Room & Board	1,950	900*	1,485
Books & Supplies	225	225	225
Transportation	50	330	50
Personal Expenses	475	450	450
Total Student Budget	\$6,275	\$5,480	\$5,785

* This is an estimated cost to parents of a student living at home.

Financial Aid Available

The following is a listing, brief description, and general award ranges of the financial aid programs available at Fairfield University.

Scholarships and Grants-in-Aid

Headmasters' Scholarships: Four full-tuition scholarships awarded to a graduating senior of the local public and parochial high schools in the towns of Fairfield, Bridgeport, Trumbull, and Stratford. Scholarships were created to begin September, 1965 by the President of Fairfield University.

President's Scholarships: Three full-tuition scholarships are awarded on the basis of academic excellence and financial need to students seeking entrance to the University and are renewable on condition of satisfactory performance for three years. Created by the President of the University in December, 1965.

Fairfield University Scholarships and Grants: In addition to the scholarships listed above, a limited number of scholarships and grants are awarded by the University. Their number and stipend depend upon the current status of revenues from which they are drawn. Demonstrated financial need as well as academic performance and potential are the criteria used in determining the recipients.

Most scholarships and grants-in-aid are packaged with other types of federal aid.

Federal Grants

Basic Educational Opportunity Grants: A federal entitlement program which provides grants of up to \$1,800 to eligible students who are pursuing their first baccalaureate degree.

Supplemental Educational Opportunity Grants: Outright grants from federal funds are made available to students of exceptional financial need who, for the lack of financial means of their own or their family, would be unable to enter or remain at Fairfield. The grants range from \$200 to \$1500 per year.

State Scholarships and Grants

All financial aid applicants are expected to investigate the opportunities that exist in their home state for direct scholarships or grants. Write to your state board or commission for higher education, or see your high school guidance counselor.

Loans

National Direct Student Loans: Students who demonstrate financial need can borrow up to \$5000 during their college careers. No payments of principal or interest are required until nine months after the borrower completes his education; at which time repayment at 3% interest is assessed. Repayment may extend up to ten years, depending on the amount borrowed.

Guaranteed Student Loan Program: Loans may be obtained at most banks in a student's home town under terms which are similar to those for the National Direct Student Loan Program. Up to \$2,500 per academic year may be borrowed (\$7,500 for four years). All arrangements for these loans are made with the lending bank.

Campus Employment

College Work-Study Program: Jobs on the campus may be arranged for students demonstrating a need for the expected earnings. Where possible, the work assigned relates to the students' field of study.

University Employment: Students who are not eligible for participation in the Work-Study Program, but who desire extra spending money, may obtain employment in the cafeteria, the bookstore, and several other campus locations.

Named Scholarships

John P. Gahan Memorial Scholarship: A fund donated by friends of the father of John P. Gahan (Class of '61). John P. Gahan was killed after one year in school.

The Edward F. McPadden Memorial Scholarship: Created by the sister (Anabel McPadden Davey) of Mr. McPadden who donated \$10,000 for the fund.

Reverend John P. Murray Scholarship: A scholarship fund given to a member (or members) of the Glee Club. Scholarship was designated by the President of Fairfield University to begin September, 1965.

Simon Harak Memorial Scholarship: A \$500 scholarship awarded annually to a member of the Fairfield University Glee Club in memory of Simon Harak, co-founder of the Glee Club. Scholarship established by friends and alumni of Fairfield University.

William T. Morris Memorial Scholarship Fund: A scholarship fund established to provide financial assistance to needy students attending Fairfield.

J. Gerald Phelan Scholarship: Donated by J. Gerald Phelan for a scholarship fund in 1964.

Dramatic Society Scholarship: A scholarship awarded to a member of the Dramatic Society in return for assistance to the Director.

William Cummings and Brothers Scholarship: A \$15,000 scholarship fund established by Mary C. Cummings in January, 1968. Income to be granted to entering freshmen from the town of Fairfield.

Mechanics and Farmers Savings Bank Scholarship: A \$5,000 fund established on the occasion of the bank's 100th anniversary available to residents of Bridgeport, Easton, Fairfield, Milford, Monroe, Stratford, Trumbull, and Westport, Connecticut.

Carlson Scholarship Fund: \$1,000 annually provided by the Carlson Foundation of Bridgeport.

The Frank J. Marchese Scholarship: \$1,000 annually provided in memory of Frank J. Marchese, a former member of the Fairfield University President's Advisory Council.

The Arsene Croteau Family Scholarship: A \$10,000 fund to provide a scholarship to a student at Fairfield University majoring in French.

The Robert, Carrie, and Edna McClenahan Scholarship Fund: Created by Edna McClenahan to be awarded to a student attending Fairfield University on the basis of need and scholastic ability. This award is to be given to a student who shows particular interest in the study of the French language and French culture.

Alumni Association Scholarship: A \$4,000 scholarship awarded over four years to an incoming first year student in the undergraduate or graduate school who is the son or daughter of an alumnus of Fairfield University. Interested applicants should contact the Director of Alumni Relations.

Further Information

For further information about financial aid at Fairfield University, please call or write to: Director of Financial Aid, Fairfield University, Fairfield, Connecticut 06430, (203) 255-5411.



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FAIRFIELD

Directory

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The Academic Council shall be the executive arm of the General Faculty. It also shall provide the opportunity for exchange of opinion between faculty and administration in the ordinary working of the University.

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Continuing Education

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Faculty

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 Walter Blogoslawski, *Biology*
 Yael Eliasoph, *Modern Languages*
 Armand Fabbri, *Modern Languages*
 Cynthia Luden, *English*
 Marie J. Kolakowski, *Modern Languages*
 Janet Kraus, *English*
 Elizabeth Mutrux, *Fine Arts*
 Robert Mutrux, *Fine Arts*
 Catherine Rallo, *Modern Languages*
 John Rallo, *Modern Languages*
 Laura Ress, *English*
 Jacqueline Rinaldi, *English*
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 Inez Ryan, *Fine Arts*
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 Gertrude Sill, *Fine Arts*
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 Dr. Donald J. Ross
 Advisers to Pre-Legal Students
 Dr. Alan Katz
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FAIRFIELD

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1979-1980 Academic Calendar

College of Arts and Sciences / School of Business / School of Nursing

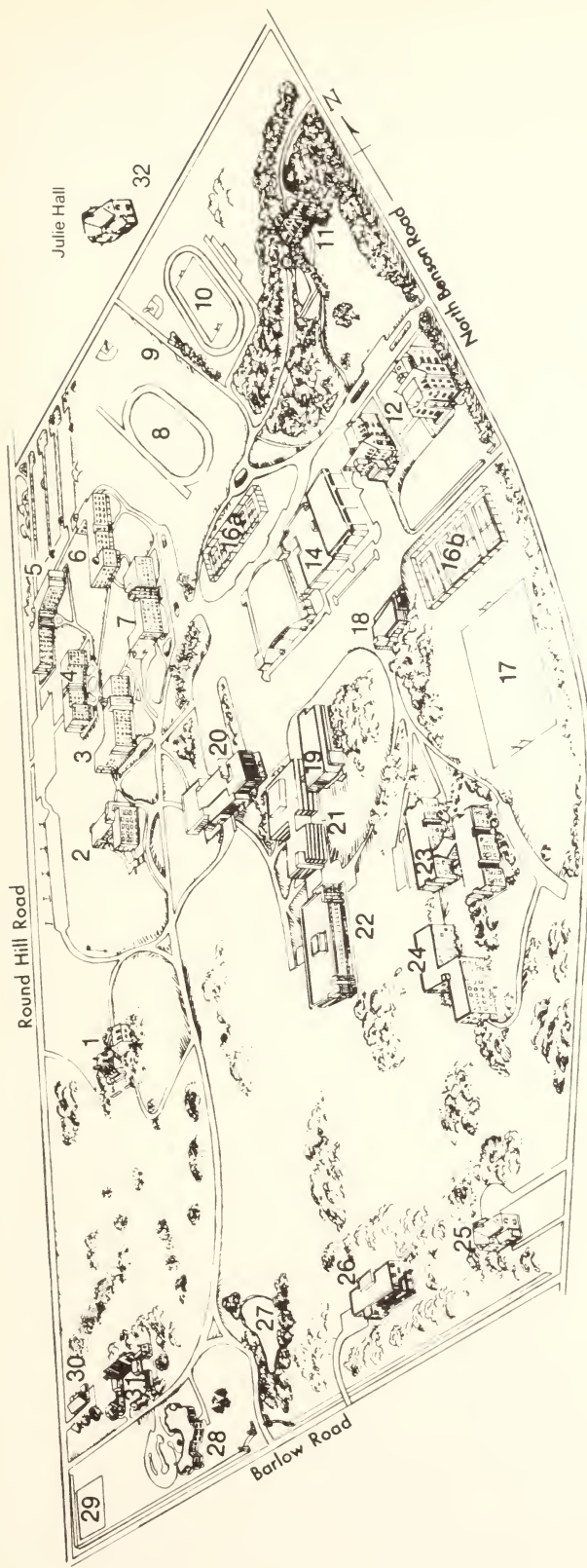
1979

Sunday	September 2-4	Freshman Orientation
Tuesday	September 4	All other students arrive
Wednesday	September 5	Classes for all
Friday	September 28	Holiday — President's Inauguration
Monday	October 8	Holiday — Columbus Day
Thursday	November 1	Holiday and Holiday — All Saints Day
Tuesday	November 20	Thanksgiving Recess begins at the end of last period
Monday	November 26	Classes Resume
Thursday	December 13	Reading Day
Friday	December 14 to December 21	Final Exams including Saturday
Wednesday	December 19	Reading Day

1980

Monday	January 21	Second Semester Begins
Monday	February 18	Holiday — President's Day
Friday	March 7	Holiday — Ecumenical Day
Monday	March 31 to April 7	Spring Recess
Tuesday	April 8	Classes Resume
Friday	April 25	Holiday — Black Leaders
Thursday	May 8	Reading Day
Friday	May 9 to May 17	Final Exams including Saturdays
Wednesday	May 14	Reading Day
Sunday	May 25	Commencement

Round Hill Road



DIRECTORY

1. Bellarmine Hall
2. Canisius Hall
3. Gonzaga Hall
4. Regis Hall
5. Northwest Hall
6. Campion Hall
7. Loyola Hall
8. Varsity Field

9. Concert Shell
10. Alumni Field
11. McAuliffe Hall
12. Xavier Hall
13. Berchmans Hall
14. Student Recreational Complex
15. Gymnasium

16. Tennis Courts
17. Grauert Field
18. Central Utility Facility
19. School of Nursing
20. Campus Center
21. Bannow Science Center
22. Nyselius Library
23. Southeast Hall

24. Fareast Hall
25. Institute For Human Development
26. Jesuit Residence
27. Bellarmine Pond
28. Center for Financial Studies
29. Barlow Field
30. Playhouse
31. Maintenance Complex

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